

Universidade de Brasília

Biogeografia do Desempenho demográfico de lagartos do Cerrado

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Biogeografia do Desempenho demográfico de lagartos do Cerrado

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Biogeografia do Desempenho demográfico de lagartos do Cerrado

Biogeography of demographic performance in Cerrado lizards

Resumo

Identificar os padrões e determinantes da distribuição da biodiversidade é um dos cernes da Biogeografia. Características de nicho – condições e recursos ambientais adequados para sobrevivência e manutenção das espécies – estão entre os principais determinantes da distribuição das espécies. A Hipótese Centro-periferia (CPH, do inglês *Center-periphery Hypothesis*) é uma teoria utilizada para estudar estes padrões e assume que o centro de distribuição da espécie terá condições de nicho ótimas, apresentando maior adequabilidade ambiental. Indivíduos nestas áreas apresentam melhor desempenho demográfico, que é evidenciado por maior abundância e melhores valores em características morfológicas e genéticas. Esta tese teve como objetivo avaliar os padrões e determinantes da distribuição de espécies de lagartos do Cerrado, e utiliza a Hipótese Centro-periferia como arcabouço teórico para testes de padrões biogeográficos. No capítulo 1 testamos a CPH com duas linhagens de lagartos com padrões de distribuição distintos. Usamos condição corporal de lagartos, e abundância e riqueza de parasitos gastrointestinais de lagartos como indicadores do desempenho demográfico de lagartos. Amostramos comunidades de lagartos em fragmentos de Cerrado centrais e em isolados periféricos no sudeste da Amazônia para avaliar o efeito de variáveis ambientais, espaciais e bióticas sobre estes indicadores. Para obter uma visão mais ampla do padrão de parasitismo, avaliamos o efeito das dissimilaridades em distância geográfica, ambiental, espacial e a dissimilaridade da comunidade de lagartos na diversidade beta de parasitos de lagartos. A variação de desempenho demográfico foi dependente da linhagem de lagartos, e a distância para o centro do Cerrado foi relevante para a diversidade alfa e beta de parasitos gastrointestinais de lagartos. No capítulo 2 avaliamos a CPH em gradientes de centralidade e periferalidade geográfica e adequabilidade ambiental. Avaliamos o desempenho demográfico com base em características morfológicas (massa, comprimento e condição corporal e assimetria flutuante) e genéticas (diversidade e diferenciação genéticas) de *Tropidurus itambere*, verificando a influência de centralidade e periferalidade geográfica e adequabilidade ambiental. Utilizamos Modelos de Distribuição de Espécies para caracterizar a adequabilidade ambiental e a área de presença predita para a espécie. Centralidade geográfica foi relevante para a variação na Assimetria Flutuante da 1ª fileira de escamas supra-orbitais e na diferenciação genética do Citocromo b. No capítulo 3 avaliamos a dinâmica de distribuição de *Tropidurus oreadicus* em condições ambientais do passado e futuro. Identificamos e caracterizamos a adequabilidade ambiental para a espécie, integrando com uma reconstrução filogeográfica para avaliar a dispersão histórica e dinâmica de expansão da distribuição. Propusemos uma metodologia integrativa para avaliar a dinâmica de distribuição em cenários de mudanças climáticas futuras e determinar o efeito destas mudanças climáticas futuras na distribuição de *T. oreadicus* nos espaços geográfico e de nicho. Mudanças de distribuição causada por divergência de nicho foram importantes durante a história evolutiva de *T. oreadicus*. No futuro, áreas

adequadas irão diminuir substancialmente nos espaços geográfico e de nicho. Esta tese demonstra que a Hipótese Centro-periferia e suas premissas fornecem um arcabouço teórico relevante para avaliações da distribuição das espécies. Finalmente, os resultados desta tese reafirmam a importância de flutuações climáticas históricas para o desempenho de lagartos do Cerrado e o potencial efeito negativo de mudanças climáticas futuras.

Palavras-chave: Adequabilidade, *Ameiva ameiva,* Cerrado, dinâmica de nicho, Hipótese Centro-periferia, Modelos de Distribuição de Espécies, mudanças climáticas, parasitismo, reconstrução filogeográfica, retaguarda, *Tropidurus itambere*, *Tropidurus madeiramamore*, *Tropidurus oreadicus,* vanguarda.

Abstract

Identifying the patterns and drivers for the distribution of biodiversity is one of the main goals of Biogeography. Niche traits – the set of environmental conditions and resources suitable for species' survival and maintenance – are among the main drivers of species distribution. The Center-periphery Hypothesis (CPH) is a theory used to study these patterns and assumes that the center of a species' distribution will have optimal niche conditions and higher environmental suitability. Individuals in these areas will show greater demographic performance, which is evidenced by higher abundance and better performance in morphological and genetic traits. This thesis aimed to evaluate the patterns and drivers of distribution from Cerrado lizards using the CPH as an ecological framework for testing biogeographic patterns. In chapter 1, we tested the CPH with two lizard lineages with distinct distribution patterns. We used lizard body condition and lizard gastrointestinal parasite abundance and richness as indicators of demographic performance of lizards. We sampled lizard communities in localities from core Cerrado and peripheral isolates from southwestern Amazon, assessing the effects of environmental, spatial and biotic variables on those indicators. To get a broader view on patterns of parasitism, we assessed the effect of geographic, environmental, spatial and biotic dissimilarities in the patterns of parasite beta diversity. Variation in demographic performance depended on the lizard lineage, and distance to Cerrado's center was relevant for parasite alpha and beta diversities of lizard gastrointestinal parasites. In chapter 2, we evaluated the patterns predicted by the CPH in gradients of geographic centrality and peripherality and environmental suitability. We assessed the demographic performance of *Tropidurus itambere* based on morphological (body mass, length and body conditions and fluctuating asymmetry from scales) and genetic (diversity and differentiation) traits, checking the influence of geographic centrality and peripherality and environmental suitability. We used Species Distribution Models to measure environmental suitability, and the predicted area of occurrence for the species. Geographic centrality was a significant driver of Fluctuating Asymmetry from the 1st supra-orbital row of scales and Citochrome b genetic differentiation. In chapter 3 we assessed *Tropidurus oreadicus*' range dynamics under past and future environmental conditions. We identified and characterized environmental suitability, integrating with a phylogeographic reconstruction to evaluate historic dispersal and the dynamic of range expansion. We proposed an integrative methodology to evaluate range dynamics under scenarios future climate change conditions and determine the effects of future climate change *T. oreadicus'* range in geographic and niche spaces. Range shifts caused by niche divergence were relevant during *T. oreadicus* evolutionary history. In the future, suitable areas will decrease substantially in geographic and niche spaces. This thesis shows that the Center-periphery Hypothesis and its premises provide a relevant ecological framework for evaluations of species' distribution. Finally, the results from this thesis stress the importance of historic climatic fluctuations to the performance of Cerrado lizards and the potential negative effect of future climate change.

88 **Keywords**: Suitability, *Ameiva ameiva,* Cerrado, niche dynamics, Center-periphery hypothesis,
89 Species Distribution Models, climate change, parasitism, phylogeographic reconstruction, rear,
90 *Tropidurus itambere*, *Tropidurus madeiramamore, Tropidurus oreadicus,* lead.

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Introdução geral

Compreender os padrões e determinantes da distribuição das espécies no espaço e tempo está entre os principais objetivos da Biogeografia. Estes padrões resultam das histórias ecológicas e evolutivas das espécies, como consequência das condições ambientais que permitem a manutenção e sobrevivência dos organismos e nas quais as populações são capazes de persistir, referindo-se ao nicho (KEARNEY; PORTER, 2009; SOBERÓN; NAKAMURA, 2009). Os padrões de ocorrência, abundância e desempenho são conectados de maneira que populações devam apresentar melhor desempenho demográfico e ser mais abundantes em ambientes mais adequados (PIRONON et al., 2016; PULLIAM, 2000). Características funcionais são atributos mensuráveis que influenciam o desempenho dos organismos ao afetar crescimento, sobrevivência e/ou reprodução – e consequentemente o *fitness* – e podem ser utilizados em avaliações do desempenho da espécie ao longo de sua distribuição (THUILLER et al., 2010; VIOLLE et al., 2014). Esta ideia data de Darwin (1859), que sustentava que características diversas podiam ser usadas como preditores do desempenho e, desde então, têm sido utilizadas para avaliar os processos e determinantes da distribuição dos organismos em diferentes níveis organizacionais (VIOLLE et al., 2007). Nesta tese, nos fundamentamos na ideia de características funcionais como atributos morfo-fisio-fenológicos mensuráveis que influenciam o desempenho, utilizando parasitismo, características morfológicas e genéticas como indicadores do desempenho das populações e espécies estudadas.

Avaliações sob o âmbito da Biogeografia auxiliam na compreensão das respostas dos organismos às mudanças ambientais e são particularmente relevantes sob o contexto de mudanças climáticas futuras. Para isto, contamos com hipóteses biogeográficas que associam variações ambientais e seus efeitos nos organismos. A Hipótese Centro-periferia (CPH, do inglês *Center-periphery Hypothesis*) é uma hipótese biogeográfica de longa data e prediz que a densidade populacional e desempenho demográfico de uma espécie devem ser mais elevados no centro de sua distribuição e diminuir em direção à periferia (PIRONON et al., 2016; PULLIAM, 2000). A CPH prediz que a adequabilidade ambiental, abundância, estado morfológico, diversidade genética e conectividade entre populações declinam do centro à periferia da distribuição das espécies (BROWN 1984; PIRONON et al., 2016). Populações periféricas estariam submetidas a condições ambientais subótimas, apresentando tamanho reduzido e isolamento que diminuem o fluxo gênico e a probabilidade de recolonização e resgate delas (HAMPE; PETIT, 2005).

Flutuações climáticas históricas afetaram os padrões de distribuição das espécies globalmente, e avaliações dessas mudanças através de reconstruções filogeográficas podem indicar possíveis mecanismos determinantes destes padrões (HOBAN et al., 2019; LU et al., 2023). Na região Neotropical, flutuações climáticas durante o Pleistoceno influenciaram os padrões de diversificação de espécies e de distribuição dos biomas da América do Sul (RULL, 2020). O efeito de mudanças climáticas na distribuição das espécies se estende às mudanças

climáticas contemporâneas, sendo estas mudanças um dos principais determinantes das mudanças de distribuição atuais (RUBENSTEIN et al., 2023). Mudanças de distribuição no espaço geográfico podem se dar pela diminuição, estabilidade ou aumento de áreas adequadas e gera, respectivamente, áreas retaguarda, estável e vanguarda. Áreas retaguarda são aquelas adequadas no presente e que não mais serão adequadas no futuro, áreas estáveis são adequadas no presente e se manterão adequadas no futuro e áreas vanguarda se tornarão adequadas no futuro (CHUANG; PETERSON, 2016; HAMPE; PETIT, 2005). Extinções podem ocorrer associadas à estas mudanças de distribuição, e já foram documentadas em diversas populações (CAHILL et al., 2013; CHEN et al., 2011; SINERVO et al., 2010). Porém, avaliações dos efeitos de flutuações climáticas de maneira geral investigam unicamente os efeitos de mudanças climáticas no passado (ex. BOOKER et al., 2023; WARWICK et al., 2021) ou futuro (ex. ENRIQUEZ-URZELAI et al., 2019; SILLERO; RIBEIRO-SILVA; ARENAS-CASTRO, 2022; WANI et al., 2022). Sob o contexto de mudanças climáticas futuras é relevante associar os efeitos de mudanças climáticas passadas e os cenários de mudanças futuras, integrando histórias ecológicas e evolutivas, sendo este um recente campo de desenvolvimento da Biogeografia (ALVARADO-SERRANO; KNOWLES, 2014; HOBAN et al., 2019; SMITH; DONOGHUE, 2010).

Atualmente, as avaliações de teorias biogeográficas e a caracterização do nicho de uma espécie são amparados por Modelos de Distribuição de Espécies (SDMs, do inglês *Species Distribution Models*) como ferramenta analítica. SDMs são modelos que associam as ocorrências de espécies com preditores ambientais através de algoritmos estatísticos ou de aprendizado de máquina, gerando uma equação que descreve e prediz a relação entre espécie e condições ambientais (FRANKLIN, 2023; SOLEY-GUARDIA; ALVARADO-SERRANO; ANDERSON, 2024). Ao basear-se na ideia de que a distribuição geográfica de uma espécie é uma representação do seu espaço de nicho, SDMs são uma ferramenta essencial para avaliações das distribuições passada, presente e futura, sob os contextos ecológico e evolutivo.

Esta tese se embasa na Biogeografia para avaliar os padrões e identificar possíveis determinantes da distribuição de lagartos do Cerrado. Utilizamos a Hipótese Centro-periferia e suas premissas como arcabouço teórico para testar estes padrões em função da distribuição passada, presente e futura de lagartos, nossos modelos de estudo. Lagartos são organismos-modelo ideias para estudos ecológicos e evolutivos, por serem abundantes e de fácil amostragem e manipulação (Camargo et al, 2010). Além disso, a dependência desses organismos a fontes de calor externa para a termorregulação (ectotermia) os torna suscetíveis aos efeitos das mudanças ambientais e consequentemente relevantes em avaliações de efeitos de mudanças climáticas (BUCKLEY; HURLBERT; JETZ, 2012; CAMARGO; SINERVO; SITES, 2010). As espécies modelo desta tese são lagartos do Cerrado, uma das savanas mais diversas do mundo e o segundo maior bioma do Brasil, mas que se encontra sob alta pressão antropogênica (COLLI; VIEIRA; DIANESE, 2020; OLIVEIRA; MARQUIS, 2002). O Cerrado é considerado um *hotspot* global de biodiversidade, devido à sua grande biodiversidade e por

estar sob ameaças na forma de conversão de habitat para ecossistemas agrícolas, aumento de temperaturas e intensificação de secas devido às mudanças climáticas (MYERS et al., 2000, SOUZA et al. 2020). Ademais, os efeitos documentados de mudanças climáticas passadas na distribuição do Cerrado em relação aos biomas vizinhos – apresentando estabilidade em áreas centrais e ciclos de retração/expansão em áreas periféricas – torna o Cerrado uma importante área de estudo para avaliação dos efeitos de mudanças climáticas passadas nos organismos lá encontrados (COSTA et al., 2018; WERNECK et al., 2011).

Esta tese está dividida em três capítulos — formatados como artigos científicos sob as regras das respectivas publicações — nos quais utilizamos metodologias abrangentes e inovadoras. No capítulo 1, testamos a Hipótese Centro-periferia (CPH) utilizando lagartos de duas linhagens com diferentes distribuições e padrões de atividade, empregando condição corporal e parasitismo como indicadores do desempenho. Inovamos ao avaliar padrões morfológicos e de parasitismo, caracterizando as diversidades alfa e beta dos parasitos gastrointestinais de lagartos. No capítulo 2, avaliamos o desempenho de *Tropidurus itambere*, em gradientes de centralidade e periferalidade geográficas e adequabilidade ambiental. Colaboramos para diminuir a lacuna amostral de avaliações da CPH na América do Sul, e avaliamos a influência dos gradientes sobre características morfológicas e genéticas em um único trabalho, proposta incomum mas identificada como necessária para o campo. No capítulo 3 investigamos a dinâmica de distribuição temporal de *Tropidurus oreadicus* no passado, presente e futuro, integrando com uma reconstrução filogeográfica e avaliações do efeito de cenários de mudanças climáticas futuras na distribuição da espécie nos espaços geográfico e de nicho.

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Conflict of interest statement

The authors declare no conflict of interest.

Performance of Cerrado lizards: A test of the center-periphery hypothesis

Abstract

The center-periphery hypothesis (CPH) states that species' demographic performance declines from the center towards the periphery of their geographic range due to increasingly suboptimal environmental conditions. We tested the CPH using two lizard lineages with different activity patterns and distributions, taking body condition and gastrointestinal parasitism as surrogates of demographic performance. We used *Ameiva ameiva*, *Tropidurus itambere*, and *T. madeiramamore* from core localities and peripheral Cerrado isolates in southwestern Amazonia. To assess CPH predictions, we built generalized linear mixed models using demographic performance as the response variable. Fixed effects included environmental factors (climate, elevation, soil) and spatial variables (landscape parameters, distance to Cerrado's center and periphery), along with the lizard genus and their interactions. To understand parasite variation, we applied Generalized Dissimilarity Modeling and variance partitioning to assess geographic, environmental, and spatial influences on parasite beta diversity. The genus was the most important predictor of body condition and parasitism. Centrality, connectivity, and precipitation of the warmest quarter were significant predictors of gastrointestinal parasitism. Soil variables, centrality, landscape features, and elevation best predicted parasite beta diversity. Geographic distance had a negligible contribution, with environmental variation being the main driver. The CPH was supported for *Ameiva*, which showed similar demographic performance across central and peripheral areas. However, *Tropidurus* displayed better body condition and higher abundance in peripheral isolates, contrary to CPH predictions, likely due to ecological release. Parasite beta diversity was primarily influenced by soil variation and proximity to the Cerrado's center, suggesting environmental and spatial factors had a more significant role than biotic or climatic variation. These results suggest that the CPH's predictions may not always hold, especially when ecological processes like ecological release affect demographic performance.

Keywords: Center-periphery hypothesis, Cerrado, lizards, *Ameiva*, *Tropidurus*, body condition, parasitism, Amazonia, connectivity, precipitation.

Introduction

The distribution of biodiversity across geographic landscapes is a central focus of ecological research, with various hypotheses posited to explain species abundance and richness patterns. Among these, the center-periphery hypothesis—hereafter CPH—offers a valuable framework for understanding species distributions by explaining how demographic performance varies across a species' range. The CPH suggests a decline in population traits such as abundance, genetic variation, and vital rates from the center towards the periphery of a species' geographic range due to a gradient of decreasing environmental suitability (Pironon et al., 2016). These traits are useful proxies for assessing individuals' and populations' fitness and adaptive capacity across a species' range, providing a detailed understanding of biodiversity patterns.

Peripheral host populations often inhabit marginal environments and may suffer from increased stress and reduced genetic diversity (either due to small population size or previous bottleneck events), affecting their resistance to pathogens and parasites (Ivers & Jha, 2023; Sagarin et al., 2006). Therefore, the CPH implies specific predictions concerning parasitism across the geographic range of a host species. Infectious agents, such as parasites, can significantly impact host demographics by diminishing individual fitness through various mechanisms. They can compromise an individual's ability to compete for resources, maintain territories, and disperse, with subsequent consequences for population dynamics (Sobecka, 2012). The ecological context is particularly relevant for ectotherms, given that their immune competency is intimately associated with ambient temperature, making them sensitive indicators of environmental change (Brito et al., 2014). In lizards, the effects of parasites on a host encompass reduced body condition, lower reproductive output, change in social status, and decreased sprint speed, all of which are vital for competitive interactions in natural settings and survival (Bauwens et al., 1983; Foufopoulos et al., 2017; Poulin, 2003; Schall et

al., 2000). So, the CPH predicts higher parasitism in stressed individuals or populations in sub-marginal habitats and range peripheries. Additionally, the composition of parasite communities should shift at range host peripheries, potentially exhibiting fewer specialists and more generalist species due to the altered host density and environmental conditions (Hechinger & Lafferty, 2005; Poulin, 2003). The "enemy release" hypothesis further complicates these dynamics, suggesting that hosts at range peripheries may escape their co-evolved parasites, reducing overall parasite loads but possibly facing novel parasitic threats (Nieberding et al., 2010). Moreover, variations in environmental factors such as temperature and precipitation, which affect host populations, parasite life cycles, and transmission, could lead to a non-linear relationship between parasitism and distance from the range center, defying simple linear gradient models (Rohr et al., 2011). Therefore, while the CPH predicts a general increase in parasitism towards the periphery, the interplay of biotic and abiotic factors introduces complexity into these patterns, requiring empirical work to understand the nuanced interactions between host-parasite dynamics and geographic distributions (Hudson et al., 2006; Raffel et al., 2008).

Here, we use the lizard body condition and gastrointestinal parasites of lizards from two lineages as indicators of demographic performance to test the CPH. Body condition is intrinsic to an animal's health, quality or vigor, and a relevant determinant of fitness (Peig & Green, 2009, 2010). The link of both body condition and parasitism to an animal's energetic state and health make them useful proxies for an individual's vital rates and populations' demographic performance. To evaluate demographic performance on a center-periphery framework, we sampled lizard communities from the core of the Cerrado biome (South American savannas) and peripheral Cerrado isolates in southwestern Amazonia. Our sampling of multiple localities from core Cerrado and peripheral isolates allows us to capture the performance variation at both ends of the center-periphery gradient. The peripheral

Cerrado isolates in southwestern Amazonia were once connected when savannas expanded during dry glacial periods of the Pleistocene and Holocene but separated from the core Cerrado for at least 3000 years after the most recent change to a more humid climate that allowed forest expansion (de Freitas et al., 2001; Gainsbury & Colli, 2003). We focus on two lizard genera—*Ameiva* and *Tropidurus*—because they were the only ones occurring in core and peripheral areas and having higher sampling abundance, affording the best sample sizes. Because areas from the core Cerrado are currently and historically less isolated, the CPH predicts that individuals from these areas should have lower parasite abundance and richness and higher body condition as indicators of higher environmental suitability and demographic performance.

By adopting a multifaceted approach, we comprehensively investigate the CPH across a spectrum of Cerrado localities. Therefore, we carefully chose predictor variables for their known influence on lizard ecology. Climate affects thermoregulatory behavior and is a fundamental driver of distribution, behavior, and activity patterns (Vitt & Caldwell, 2014). Topography reflects historical biogeographic barriers that affected faunal interchange and speciation in the Cerrado, particularly for less vagile species (Monica, 1986; Werneck, 2011). Soil parameters modulate Cerrado vegetation structure and distribution (Dantas & Batalha, 2011; Gonçalves et al., 2021; Vidal Jr et al., 2019), shaping habitat availability for lizards (Mesquita et al., 2015; Vitt et al., 2007). Landscape fragmentation, a significant factor in reptile population dynamics and one of the primary causes of population declines for amphibians and reptiles (Böhm et al., 2013; Gibbon et al., 2000; Teixido et al., 2021), offers additional insight into the consequences of ecological isolation. For instance, smaller and more isolated fragments tend to have lower species and genetic diversity because of smaller population sizes and lower connectivity (MacArthur & Wilson, 1967; Pérez-Tris et al., 2019). We also measured each locality's distance from the Cerrado's centroid and its periphery to

characterize the degree of centrality and peripherality. We use the lizard genus (*Ameiva* vs. *Tropidurus*) as a surrogate biotic factor to evaluate their effect on lizard body condition and parasite abundance and richness. *Ameiva* and *Tropidurus* represent lizard lineages with distinct geographic distribution and activity patterns. *Ameiva ameiva* has a wide distribution (Vitt & Colli, 1994), while *Tropidurus itambere* is endemic to the core of Cerrado (Rodrigues, 1987) and *T. madeiramamore* to peripheral Cerrado isolates (Carvalho et al., 2023). All species of *Ameiva* are highly mobile active foragers, while *Tropidurus* are sedentary, sit-and-wait foragers; therefore, the former have much larger home ranges and higher dispersal rates (Sartorius et al., 1999). The CPH predicts different patterns of demographic performance: *Ameiva ameiva* with similar demographic performance across the study localities and *T. madeiramamore* (from peripheral isolates) having lower demographic performance than *Tropidurus itambere* (from core Cerrado).

To better understand the variation of lizard gastrointestinal parasites between core Cerrado and peripheral isolates, we further investigated patterns and processes affecting beta diversity in parasite communities. In analyzing such geographic gradients, beta diversity becomes a pivotal measure for untangling how community turnover rates correlate with ecological processes influenced by distance, environmental heterogeneity, and biotic composition (Anderson et al., 2011; Sinha et al., 2022). The study of community structure extends beyond simple species counts, considering species composition and diversity across spatial scales. While alpha diversity captures the local scale, beta diversity reveals patterns between localities and species turnover across gradients, which may be influenced by the nature of the species present and the degree of geographic and environmental disparity (Fitzpatrick et al., 2013; Soininen et al., 2007; Tuomisto & Ruokolainen, 2006). Moreover, the literature lacks information on patterns of parasite community dissimilarity from terrestrial systems compared to well-studied aquatic systems (Poulin, 2003; Warburton et al.,

2016). Unraveling the drivers behind these diversity patterns—historical or contemporary, abiotic or biotic—remains a complex challenge in ecology (Ricklefs, 2004). Because parasites are physiologically linked to their hosts and have a range of effects dependent on host species, physiology, and behavior (Bower et al., 2019), we also assessed the patterns and processes governing the variation in parasite beta diversity across the study localities. To this end, we used the complete lizard community from sampled localities as a biotic component likely influencing lizard gastrointestinal parasite beta diversity.

We address the following questions: (1) do lizard gastrointestinal parasite communities differ between sampled localities? If so, (2) how do lizard body condition and parasite abundance/richness vary across spatial, environmental, and geographic gradients (distance to Cerrado's center and periphery) among lizard genera and their interactions? (3) Is the dissimilarity in the lizard community relevant for explaining the turnover component of parasite beta diversity? (4) What are the relative roles of geographic distance, spatial, environmental, and biotic factors in explaining parasite turnover? We expected similar demographic performance between core and peripheral isolates for the broadly distributed *Ameiva ameiva* since these environments should be just as suitable. In contrast, we predict lower demographic performance for the endemic *Tropidurus madeiramamore* than *T. itambere* since peripheral isolates should be less favorable than core environments (Terborgh, 1973). Since areas from the core Cerrado are currently and historically less isolated, we expect individuals from these areas to have a higher body condition and lower parasite abundance and richness as indicators of lower environmental stress and higher demographic performance. Accordingly, we expect the distance to Cerrado's center and the biotic components to be the most influential gradients affecting lizard demographic performance, followed by environmental and spatial variation.

Methods

Study area

We sampled lizard populations from 15 localities in core areas and peripheral isolates of the Cerrado biome in South America (Colli et al., 2020). The core Cerrado localities (n = 6) were in the municipality of Paracatu, Minas Gerais state, while those in peripheral isolates were in Rondônia state, in the municipalities of Guajará-Mirim (3), Pimenta Bueno (3), and Vilhena (3) (Figure 1, coordinates and landscape parameters in Supporting Information Table S1). Field sampling in Paracatu took place from October to December 2001 (rainy season); in Vilhena, from October to November 1998 (rainy season) and from August to September 1999 (dry season); in Pimenta Bueno, from July to August 2000 (dry season); in Guajará-Mirim, from December 2000 to January 2001 (rainy season).

Environmental and spatial variables

We downloaded variables from the WorldClim database (Fick & Hijmans, 2017): elevation and 19 bioclimatic variables representing temperature and precipitation. We downloaded soil variables from SoilGrids.org, a database with maps of soil properties obtained with machine-learning methods (Poggio et al., 2021). We used the mean values from the six available layers for each soil variable (soil bulk density, cation exchange capacity, fraction of coarse fragments (> 2 mm), proportions of clay, sand, and silt particles in the fine earth fraction, total nitrogen, soil pH, soil organic carbon content, organic carbon density, and organic carbon stocks). We obtained landscape parameters from each sampled locality, which represent fragments of natural habitat: fragment area (in hectares), perimeter (in kilometers), habitat richness (total number of vegetation and soil classes), edge ($\frac{perimeter}{2\sqrt{area \times perimeter}}$), inner fragmentation (for each locality, the ratio of number of inner patches by total fragment area, a proxy for inner heterogeneity and fragmentation) and connectivity (number of fragments in a

250 m radius). We used Variance Inflation Factors (VIFs) analyses with the *usdm* R package (Naimi, 2023) to screen for multicollinearity and retained variables with VIF < 2 and correlation values < 0.7: precipitation of the wettest quarter, precipitation of the warmest quarter and annual maximum temperature (bioclimatic); fragment area (in hectares), connectivity and inner fragmentation (landscape parameters); and four soil variables. As a tool for reducing data dimensionality, we performed a principal components analysis (PCA) with the four soil variables and retained PC1 and PC2, explaining, respectively, 48% and 33% of the total variation (cumulative proportion of 81%). Finally, to characterize each locality in a center-periphery gradient, we measured the distance to Cerrado's center and periphery as proxies for centrality and peripherality, respectively. Both are relevant predictors because the polygon representing the Cerrado is not a perfect ellipse, so these measurements might not coincide. Distance to Cerrado's center (centrality) is the smallest distance from each location to the geographic center of the Cerrado polygon, such that smaller distances would indicate higher centrality. Distance to Cerrado's periphery (peripherality) is the distance from each location to the closest border of the Cerrado polygon, such that smaller distances would indicate higher peripherality. We calculated these values using the *terra* (Hijmans, Bivand, et al., 2024) and *geosphere* (Hijmans, Karney, et al., 2024) R packages.

Lizard collection

We sampled lizards haphazardly, using bare hands, nooses, dust shot/shotguns, and a combination of pitfall traps and drift fences (25 pitfalls per patch). The pitfall traps consisted of four 30 L buckets arranged in a "Y" and connected by plastic drift fences (5 m long and 0.5 m high). We recorded all lizard species to characterize the community in the sampled localities and support additional studies (Gainsbury & Colli, 2003). Here, we focus on two lizard genera—*Ameiva* and *Tropidurus*—because they afforded the largest sample sizes

(Figure 1). We used lizard body condition and gastrointestinal parasite abundance and richness as surrogates of the demographic performance of these lizard populations. Lizards in the genera *Ameiva* and *Tropidurus* have distinct foraging strategies and distribution patterns. *Ameiva ameiva* ranges from Argentina to Panama, whereas *T. itambere* and *T. madeiramamore* are endemic to the Cerrado. *Tropidurus madeiramamore* was recently described as a highly polymorphic species from peripheral Cerrado isolates in Rondônia, southwestern Amazonia, and a close relative to *T. itambere* (Carvalho et al., 2023). The two species of *Tropidurus* are restricted to open areas and cannot disperse as easily as *A. ameiva*, which also uses forest edges and clearings (Sartorius et al., 1999). These species also differ in their foraging strategies: *A. ameiva* is an active forager, and the two species of *Tropidurus* are sit-and-wait predators. We obtained body mass and snout-vent length (SVL) to calculate body condition. We euthanized lizards with sodium thiopental to acquire information on gastrointestinal parasites. We fixed lizards with 10% formalin, preserved in 70% alcohol, and deposited them at the Coleção Herpetológica da Universidade de Brasília (CHUNB).

Lizard body condition

Body condition is often used in ecological studies to indicate an animal's energetic state, health, or quality of physiological and nutritional condition (Peig & Green, 2009, 2010). Many indices relate mass and length measures, and there is now a consensus towards the use of the scaled mass index (SMI) because it controls for the confounding effects of growth while accounting for the changing relationship between mass and length as the individual grows (Peig & Green, 2010). The SMI is calculated with the following equation:

$$\widehat{Mi} = Mi[\frac{L0}{Li}]^{b_{SMA}}$$

231 M_i and L_i refer, respectively, to the body mass and linear body measurement (snout-vent
232 length, SVL) of individual i; b_{SMA} is the scaling exponent estimated by the standardized major
233 axis (SMA) regression of the natural log of M on L; L_0 is an arbitrary value of L (e.g., the
234 arithmetic mean value for the study population) and $\widehat{Mi}$ is the predicted body mass for
235 individual i when the linear body measure is standardized to L_0.
236
237 *Lizard gastrointestinal parasite sampling*
238 We examined 700 lizard stomachs (417 *Ameiva ameiva,* 153 *Tropidurus itambere,* and 130 *T.*
239 *madeiramamore*), from which parasites were counted, mounted on temporary plates, and
240 clarified with phenol for morphometric analyses. We observed parasites under an electron
241 microscope (40x) and identified most of them at the species level. As the terminology used in
242 parasitology studies may be daunting, we use the guidelines recommended by Bush et al.
243 (1997). We use the term abundance to refer to the sum of gastrointestinal parasites (from all
244 species) in each lizard and richness to represent the number of gastrointestinal parasite
245 species in each lizard. We also report prevalence, referring to the number of lizards infected
246 with parasites.
247
248 *Abundance, richness, and rarefaction curves of lizard gastrointestinal parasites*
249 There is an ongoing debate about the best method to measure and compare diversity indices
250 among populations and assemblies, but the consensus is to use Hill numbers (Chao et al.,
251 2020). Hill numbers are a family of diversity indices based on effective species numbers
252 integrating richness and abundance and are defined by the q order (Chao et al., 2020; Colwell
253 et al., 2012). The most used q values are q = 0, 1, and 2, corresponding to species richness,
254 Shannon, and Simpson diversities. Although some authors say they are highly correlated,
255 they emphasize different aspects of the communities by giving different weights to abundant

or rare species (Chao et al., 2020; Roswell et al., 2021). When evaluating differences among assemblages and accounting for any specific value of sample size or sample coverage, if the 95% confidence interval does not overlap in either the interpolated or extrapolated portions of the curve, we can assume significant differences at a level of 5% between expected diversities from assemblages (Chao et al., 2014). We obtained diversity indices by building rarefaction/extrapolation curves based on sample size and coverage with the *iNext* R package (Hsieh et al., 2016, 2024).

Patterns of body condition and lizard gastrointestinal parasite abundance and richness

We built generalized linear mixed models (GLMM) using body condition and parasite abundance and richness as response variables, lizard genera and spatial, environmental, and geographic gradients as fixed effects, and municipalities and localities within municipalities as random effects. We used the environmental (maximum annual temperature, precipitation of warmest and wettest quarters, the two first principal components from soil variables) and landscape (fragment area, connectivity, and inner fragmentation) variables retained after VIF analyses (section *Environmental and spatial variables*), elevation, distance to Cerrado's center and periphery, lizard genus, and their interactions as predictor variables. We scaled (default setting from R's *scale* function) all predictor variables to aid in model interpretation. We used a negative binomial distribution for lizard parasite abundance, a Poisson distribution for lizard parasite richness, and a gamma distribution with a log link for body condition based examining model residuals (avoiding heterocedasticity), Cook's distance, and Akaike Information Criterion values. We implemented GLMMs with the *lme4* package (Bates et al., 2024; Bates et al., 2015). For each response variable, we calculated the difference in deviance between the full and null models (only including the intercept) to verify if the model significantly explained the patterns in the response variables (considered statistically

significant at the level of 5% in a Chi-squared test). We proceeded with model comparison and assessment of predictor importance based on information theory, using the *MuMIn* package (Bartoń, 2024).

Lizard gastrointestinal parasite beta diversity

We used generalized dissimilarity modeling (GDM) to examine the relative importance of geographic distance and spatial, environmental, and biotic dissimilarities for parasite beta diversity. This analysis allows for verifying the magnitude of species turnover across environmental and geographic gradients, taking the dissimilarity between sites as a function of environmental and geographic distances (Mokany et al., 2022). This method also accounts for the nonlinearity inherent in evaluations of geographic distances and ecological similarities by calculating I-spline coefficients for each variable while maintaining the remaining variables constant, so the contribution of each variable to the observed pattern can be examined as larger coefficients indicate a higher contribution to the dissimilarity between gradients (Ferrier, 2002; Ferrier et al., 2007). We used the *ecole* R package (Smith, 2022) to obtain the adjusted Bray-Curtis index, accounting for the fact that some localities are empty or have no species in common with the other localities. We fit models with (1) spatial and environmental variables as response variables and (2) with a biotic variable, i.e., dissimilarity in the lizard community. We ran both models with and without geographic distance, totaling four different models. We built the models with the environmental and spatial variables that remained after VIF and PCA analysis (see corresponding section *Environmental and spatial variables*) as predictor variables, representing different types of environmental variation (three bioclimatic variables, elevation, and two soil variables) and spatial variation (three landscape parameters and the measures of centrality and peripherality). We implemented GDM with the *gdm* R package (Fitzpatrick et al., 2024). We compared models with the

306 difference in explained deviance. Finally, we used a variance partitioning analysis to assess
307 the relative importance of the different types of variation (environmental, geographic, and
308 spatially structured) on the patterns of community dissimilarity (Borcard et al., 1992).
309
310 **Results**
311 *Lizard body condition and parasitism*
312 We obtained values of body condition from 684 lizards: 411 *Ameiva ameiva,* 15 *Tropidurus*
313 *itambere,* and 123 *T. madeiramamore*. The total number of lizards in each municipality was
314 216 in Guajará-Mirim, 203 in Paracatu, 170 in Pimenta Bueno, and 95 in Vilhena. We
315 obtained information on gastrointestinal parasites from 700 lizards. Summary statistics for
316 each lizard genus and by municipality are in Table 1. Lizard parasites comprised of cestodes
317 spp. (i.e., not identified at the species level) and seven nematode species: *Physaloptera*
318 *retusa*, *Physaloptera lutzi,* and *Physalopteroides venancioi* (Physalopteridae); *Spinicauda*
319 *spinicauda*, *Strongyluris panamensis*, and *Strongyluris oscari* (Heterakidae); and *Piratuba* sp.
320 (Onchocercidae) (Supporting Information: Table S2).
321
322 The rarefaction/extrapolation curves based on sample size stabilized at all *q* levels for patch
323 geographic location (the core Cerrado *vs* peripheral Cerrado isolates) and among localities,
324 indicating we can use these estimators confidently to infer diversity from these samples
325 (Supporting Information: Figure S1). Results from the non-asymptotic analysis of diversity
326 indices from standardized sample size and *q* levels are in Supporting Information: Table S3.
327 Parasite diversity at all *q* levels was significantly higher in lizards from peripheral isolates
328 than in core Cerrado.
329
330 *Patterns of body condition and lizard gastrointestinal parasite abundance and richness*

331 The full models relating each demographic performance indicator to all predictor variables
332 were statistically different from the null model (body condition: $\chi^2_{14} = 51.98$, $p < 0.0001$;
333 parasite abundance: $\chi^2_{14} = 142.31$, $p < 0.0001$; parasite richness: $\chi^2_{14} = 110.25$, $p < 0.0001$).
334 The model averaging analyses showed the lizard genus as a significant predictor of body
335 condition and distance to Cerrado's center, fragment connectivity, and precipitation of
336 warmest quarter as significant for both lizard gastrointestinal parasite abundance and
337 richness. The lizard genus had a sum of weights of 1 for all response variables. The weights
338 for the remaining variables are depicted in Fig. 2.
339 All indicators of demographic performance were higher in *Tropidurus* compared to
340 *Ameiva* (Fig. 3a,b,c). Lizard gastrointestinal parasite abundance increased somewhat as the
341 distance to the Cerrado center increased, and parasite richness remained constant on this
342 gradient (Fig. 3e,i). The indicators of demographic performance had unique responses to
343 centrality in each lizard genus, illustrating the importance of lineage on overall variation. As
344 the distance to Cerrado's center increased, *Ameiva* showed similar body condition
345 (Supporting Information: Fig. S2k) and parasite abundance (Fig.3d) values but somewhat
346 lower parasite richness (Fig.3h). Parasite prevalence did not show a clear pattern with
347 centrality (Table 1). In *Tropidurus*, body condition (Supporting Information: Fig. S2k) and
348 parasite richness and abundance increased with greater distance to Cerrado's center (Fig.
349 3d,h). Parasite prevalence was higher in the peripheral isolates (Table 1). Parasite abundance
350 and richness increased with greater fragment connectivity (Fig. 3f,j) and decreased with
351 higher precipitation of warmest quarter (Fig. 3g,k). Supporting Information: Figs. S2-S4
352 show the variation for the three demographic indicators on all gradients, and Supporting
353 Information: Tables S4-S6 have the complete model space from model averaging for all
354 demographic indicators.
355

Lizard gastrointestinal parasites' beta diversity

The Generalized Dissimilarity Modelling (GDM) revealed that geographic distance had little predictive power in explaining the patterns of beta diversity in lizard gastrointestinal parasites: the models with and without geographic distance were equivalent (Supporting Information Table S7). The increase in explained deviance from the model with the biotic variation (dissimilarity on lizard community) was not statistically significant (Δdeviance = 0.502, $\chi^2_1 = 0.521$; $p = 0.479$), so we reported the results from the reduced model (without biotic variation). The climatic variables, fragment area (landscape parameter), and distance to Cerrado's periphery (as our measure of peripherality) were not relevant in explaining beta diversity in lizard gastrointestinal parasites. Our final GDM explained 26.81% of the total variation, in which the relevant predictors were soil variables, centrality, fragment connectivity and inner fragmentation, and elevation (Figs. 4,5a). The GDM model with geographic distance as the sole predictor, corresponding to spatially structured variation, explained 6.66% of the model deviance. The total explained deviance is the sum of environmental variation (20.154%) and the spatially structured variation, with geographic distance alone accounting for a near-zero portion of the explained deviance. The results of variance partitioning regarding explained variance are in Fig. 5b: environmental variation drove most of the explained variance with a smaller effect of spatially structured variation.

Discussion

We evaluated the demographic performance of lizards from the core Cerrado and peripheral isolates in southwestern Amazonia to test the center-periphery hypothesis (CPH). We used lizard body condition and gastrointestinal parasite abundance and richness as proxies for the demographic performance of Cerrado lizard lineages with distinct distribution patterns. The CPH states that peripheral areas should be less suitable, i.e., as distance to the Cerrado's

center increases, body condition should decrease, whereas gastrointestinal parasite abundance and richness should increase. The average summary from the generalized linear mixed model identified the lizard genus as the predictor with the highest weight, reflecting marked differences in the ecology of these two distantly related lineages. We had unique CPH expectations for each lizard lineage — fine-tuned to each lineage's ecology — and we found that the responses to centrality and peripherality were unique for each lizard lineage. In *Ameiva ameiva*, a generalist and widely distributed species, body condition and gastrointestinal parasite abundance and richness varied little across study areas, matching the CPH predictions. Conversely, in *Tropidurus*, comprising two Cerrado endemic species from open habitats, body condition and gastrointestinal parasite abundance and richness increased with greater distance to Cerrado's center, providing mixed support for the CPH. Additionally, fragment connectivity and precipitation of warmest quarter were relevant predictors of lizard gastrointestinal parasite abundance and richness. We also examined if lizard gastrointestinal parasite beta diversity is driven by geographic, environmental, spatial, or biotic variation. Geographic and biotic variation had little effect on parasite turnover, mainly driven by environmental (soil) and spatial variation (centrality, landscape parameters, and elevation).

Patterns of lizard body condition

Lizard body condition depended on the lizard lineage: *Tropidurus* had a higher body condition than *Ameiva*. This finding reflects the association between foraging mode, body shape, and relative clutch size in lizards. Active foragers, like *Ameiva ameiva*, have more elongated, streamlined bodies and a smaller relative clutch mass than sit-and-wait or ambush foragers, like *Tropidurus* spp., which have stockier, bulkier bodies and a larger relative clutch mass (Huey & Pianka, 1981; Vitt & Congdon, 1978). As the distance to Cerrado's center increased, body condition remained the same for *Ameiva* but increased for *Tropidurus*. Our

406 results reveal that, in *A. ameiva*, demographic performance is not impaired by inhabiting
407 peripheral isolates in southwestern Amazonia. This is predicted by the CPH, matching the
408 ecology of this generalist and widely distributed species that occurs in many different habitat
409 types in the Neotropics and can even invade and thrive in the neighborhoods of large cities
410 (Sartorius et al., 1999; Vitt & Colli, 1994). For *Tropidurus*, demographic performance seems
411 to be higher among populations from peripheral isolates, contrary to the CPH's prediction,
412 probably resulting from ecological release. For instance, Mesquita et al. (2007) studied lizard
413 assemblages from core Cerrado and peripheral isolates like our study, investigating
414 ecological release at various niche dimensions (abundance, microhabitat use, diet, and
415 morphology). They found that in peripheral isolates—characterized by depauperate lizard
416 assemblages—there is evidence of ecological release in the diet of *Tropidurus* but not in
417 *Ameiva*. The ecological release hypothesis states that species will be more abundant in areas
418 with lower species richness because they can fill niche spaces from those missing species, an
419 indicator of niche expansion. Individuals in more depauperate communities should also face
420 lower interspecific competition, likely widening their niche breadth due to the availability of
421 a broader spectrum of prey (MacArthur et al., 1972; Mesquita et al., 2007), improving food
422 uptake and, consequently, their body condition.
423
424 *Patterns of lizard gastrointestinal parasite abundance and richness*
425 Parasite abundance, richness, and prevalence depended on the lizard lineage, centrality,
426 connectivity, and precipitation of the warmest quarter. These indicators of demographic
427 performance followed the expected CPH pattern regarding centrality for the widely
428 distributed *Ameiva* and the endemic *Tropidurus*. Even though parasites compose a
429 considerable portion of biodiversity, their biogeographic patterns are poorly understood, with
430 studies mainly showing that parasites conform to the same rules as their host species, such

that parasite populations mirror host population trends (Van Der Mescht et al., 2018). Our study is innovative because we evaluated parasitism patterns along a relevant environmental gradient comprising core Cerrado areas and peripheral isolates embedded within Amazonia. Species often differ in their responses to parasite composition, as phylogenetic history, ecology, and habitat use may affect the composition and abundance of parasites in the environment (Brito et al., 2014; Brooks et al., 2006; Bush et al., 1990; Filho et al., 2017; Janovy et al., 1992). As the distance to Cerrado's center increased, gastrointestinal parasite abundance and richness varied little in *Ameiva* but increased in *Tropidurus*, matching the CPH predictions.

For *Ameiva*, the independence of parasite abundance and richness from centrality reflects that localities in southwestern Amazonia are not peripheral to this widely distributed lizard lineage. For *Tropidurus*, the higher parasite abundance and richness in localities from southwestern Amazonia is expected due to their isolation, affecting these lizards with small dispersal capacity. Since our parasite community is composed of generalist lizard parasites and host availability is strongly correlated to parasite abundance and richness (Kamiya et al., 2014), peripheral areas would have similar resource availability through the highly abundant *Tropidurus*, such that the parasite community seems not to be affected by the lower lizard richness. Lizard gastrointestinal parasite abundance and richness increased along the gradient of fragment connectivity. More connected fragments may increase host density, the interaction of hosts inside the fragment, and, consequently, the possibility of infection. Moreover, hosts living in high-density environments are expected to accumulate more parasite species due to higher intraspecific contacts, creating more infection opportunities and facilitating parasite transmission (Lindenfors et al., 2007). A similar pattern was observed with mice parasites in fragmented landscapes: overall abundance of gastrointestinal helminths was higher in the fragmented habitats, attributed to the high density of mice in

these areas (Froeschke et al., 2013; Marcogliese, 2023). Parasite abundance and richness decreased as precipitation increased: our sampled parasite community is composed of parasites with indirect life cycles and environmental phases, so this elevated precipitation likely eliminates or at least decreases the environmental availability of some phases.

The combination of results from lizard body condition and gastrointestinal parasite abundance and richness suggest that lizards can endure parasitic infections in a way that does not affect their overall demographic performance. Lee et al. (2023) evaluated the effects of ecto- and endoparasites on *Lampropholis guichenoti* performance and found no impact. Even though this was not one of the aims of the current study, our results nonetheless add to the literature on parasitism not affecting the host's performance. Parasite infections are often not harmful due to a long evolutionary history between hosts and parasites reaching an evolutionary stable equilibrium between host tolerance and pathogen virulence (Mayer et al., 2015; Svensson & Råberg, 2010). This pattern has been consistently recorded in species with fast-paced life histories, so it would be beneficial for the species to develop tolerance instead of spending energy to resist parasite attacks (Mayer et al., 2015). Thus, the demographic performance of our sampled lizard populations seems to be driven mainly by body condition.

Beta diversity of lizard gastrointestinal parasites

Parasite beta diversity patterns were driven not by geographic or biotic variation but mainly by environmental and spatial variation. Studies have found that parasite community similarity decreases with geographic distance while recognizing additional factors driving this pattern (Poulin, 2004; Poulin & Krasnov, 2010; Soininen et al., 2007). Geographic distance was not a relevant predictor of parasite community dissimilarity, opposing the pattern mentioned above and contra Azevendo et al. (2021), in which geographic distance was a key predictor of phylogenetic turnover of Cerrado's reptiles, likely because of potential geographic barriers

(tabletop mountains, highlands, and river valleys) limiting dispersal. Geographic distance alone had low predictive power in our GDM, such that it is likely embedded in the final model's spatial variables (centrality, peripherality, and landscape parameters). No climatic variables were relevant drivers of gastrointestinal parasite lizard beta diversity, even though temperature and precipitation are critical drivers of reptile distributions due to their thermal ecology (Huey & Stevenson, 1979), likely also affecting their parasite communities. According to Köppen's climatic classes, the studied areas are classified as Type A: the core Cerrado areas are Aw with highly demarcated seasons and dry winters, annual mean air temperatures that vary from 24 ºC to 30 ºC and precipitation ranging from 1300 to 1600 mm per year; areas at the Cerrado-Amazonia transition are Am, with a monsoon period, annual mean air temperatures varying from 24 °C to 26 °C and rainfall ranging from 2000 to 2500 mm per year (Alvares et al., 2013; Nimer, 1989). Therefore, the slight climatic variation among the studied areas may not significantly affect the dissimilarity in lizard gastrointestinal parasites. Also, the biotic component (dissimilarity in the lizard community) was irrelevant in explaining lizard gastrointestinal parasite beta diversity. The biotic component was the fourth most important variable in the GDM, but its inclusion did not significantly improve the model (by increasing explained deviance), so it was not included in the final model. This finding implies that the dissimilarity in lizard communities cannot explain the dissimilarity patterns in lizard gastrointestinal parasites. Indeed, our findings contradict the CPH, as lizard communities from peripheral isolates have lower species richness and non-structured assemblages regarding co-occurrences, diet, and size overlap related to stochastic extinction events (Gainsbury & Colli, 2003). This result might be related to the generality of lizard gastrointestinal parasites, their low variation, and low specificity (Aho, 1990).

Variation in soil properties emerged as the most supported predictor of beta diversity in lizard gastrointestinal parasites. The importance of soil variables is consistent with the

506 hypothesis that soil variables may be relevant in explaining phylogenetic turnover in Cerrado
507 reptiles because of the high variability of soil types in the biome: rocky outcrops, sandy soils,
508 and weathered, deep, clay-rich soils proposed by Azevedo et al. (2021), see also Ribeiro et al.
509 (2008) and Villela e Nogueira (2011). In the Cerrado, vegetation composition and structure
510 are tightly linked to soil features, such that savanna species are usually found in acidic, sandy,
511 well-drained soils, and low fertility or rocky outcrops tend to have more endemic species due
512 to substantial physiological selective pressure for particular adaptations (Vidal Jr. et al.,
513 2019). Elevation was also a relevant driver of lizard gastrointestinal parasite beta diversity,
514 and this combination of both soil and elevation matches the results of Elias et al. (2019), in
515 which the edaphic component (soil properties and topography) was critical to the substitution
516 of savanna species to forest species in the Cerrado-Amazonia transition. Elevation was also
517 important in explaining anuran beta diversity in the Cerrado (Valdujo et al., 2013) and is a
518 crucial determinant of lizard community structure, being associated with microhabitat
519 differences such that it broadly captures habitat type and water availability (Nogueira et al.,
520 2011). Still, the low contribution of elevation matches the slight elevation gradient among the
521 studied localities.
522 Centrality was the second most important predictor of beta diversity, and peripherality
523 was irrelevant, illustrating the importance of measuring both variables as they may show
524 divergent patterns. In spatial analysis, the biome can be considered a geometrical polygon
525 representing its geographic distribution. Still, it is not a perfect ellipse, and peripheral
526 rugosities may cause high variability among localities in terms of their distances from the
527 periphery. The distance to Cerrado's distribution center (and altitude) also influenced the
528 distribution of Amazonian and Atlantic bird taxa along Cerrado's gallery forest systems (da
529 Silva, 1996). Lizard gastrointestinal parasite beta diversity followed the pattern predicted by
530 the CPH: beta diversity increased with decreasing centrality. Hence, peripheral isolate

communities are more dissimilar than core Cerrado communities, likely caused by the lizard community's prolonged isolation and stochastic extinctions (Gainsbury & Colli, 2003). This pattern also matches the expectation of parasite species loss over evolutionary time (Poulin, 2007), likely due to this prolonged isolation and stochastic extinctions.

The third most critical parameter was fragment connectivity, and beta diversity increased as connectivity increased. Reptiles are susceptible to habitat fragmentation, probably related to dispersal constraints, functional and morphological specialization, and limited thermoregulatory capabilities (Böhm et al., 2013; Teixido et al., 2021). The importance of connectivity goes against a result found with lizard communities from Atlantic Forest remnants in São Paulo State, Brazil, where connectivity and fragment size were poor predictors of community structure (Dixo & Metzger, 2009). Besides, the direction of the relationship between connectivity and beta diversity is somewhat unintuitive, as we would expect a decrease in beta diversity as connectivity increases and promotes the interchange of individuals. The lizard community from the studied localities has been reported to have smaller lizard richness in more fragmented patches (Silvano et al., 2003), providing a smaller host pool that could increase lizard parasite beta diversity as fragmentation increases. The fourth most important variable was soil PC2, reinforcing the importance of soil variables - closely related to the vegetation structure of the studied areas (Elias et al., 2019; Vidal Jr. et al., 2019). Overall, the importance of soil and landscape parameters related to connectivity might indicate the effect of habitat fragmentation and loss, likely affecting the demographic performance of these lizard communities.

Analogous patterns from lizard's gastrointestinal parasite alpha and beta diversity

Evaluations of alpha diversity and the turnover component of beta diversity are complementary and may show different facets of diversity variation on particular gradients

(Hill et al., 2019). Host-parasite relationships are geographically variable, but evaluations of species turnover seemed to be geographically invariant (Krasnov et al., 2024). Using GDM allowed us to evaluate patterns in compositional dissimilarity of pairs of sites based on environmental and biotic dissimilarity and geographic distance (Ferrier et al., 2007). In the current study, we checked whether the dissimilarity in gastrointestinal parasite turnover relates to the dissimilarity in spatial, environmental, biotic, and geographic gradients. The fact that distance to Cerrado's center and fragment connectivity were critical predictors of alpha diversity and turnover of beta diversity highlights their importance in the composition of the parasite communities, mainly affected by spatial patterns and only secondarily by environmental variation. Remarkably, the lizard genus was the most important predictor for parasite abundance and richness, but the dissimilarity in the lizard community was not a critical predictor for parasite turnover. The relevance of the biotic component for alpha diversity likely relates to the ecological traits and roles of *Ameiva* and *Tropidurus* lizards in our studied communities, such that these lineages are distinctly affected by the parasite community. On the other hand, the biotic component evaluated by the GDM accounts for the complete lizard community, and since our sampled parasite community is composed of lizard parasite generalists, the dissimilarity in the lizard community is not critical to parasite turnover: gastrointestinal parasites would still have suitable lizard hosts on this gradient of core Cerrado to the peripheral isolates in southwestern Amazonia.

Conclusion

The variation in demographic performance among our studied localities depends on the lizard lineage. *Ameiva* had similar demographic performance among the core Cerrado and the peripheral isolates in southwestern Amazonia, which is the pattern expected by the center-periphery hypothesis (CPH), as both regions are not peripheral to this widely distributed

lizard. *Tropidurus* from the peripheral isolates in southwestern Amazonia had higher demographic performance, refuting the CPH. This finding likely results from the ecological release in the depauperate lizard community at these peripheral isolates. Distance to Cerrado's center and fragment connectivity were critical predictors for alpha and beta diversity patterns, indicating that spatial variation mainly drives lizard demographic performance. Our results suggest that these peripheral isolates are geographically and environmentally peripheral, overall corroborating the CPH. Precipitation variation affects lizard gastrointestinal parasite abundance and richness, and the variation in soil properties affects lizard gastrointestinal parasite turnover. In contrast, both are affected by distance to Cerrado's center and fragment connectivity. Our results confirm the importance of evaluating different types of environmental variation and not assuming that the most tested drivers will always be relevant (climatic and biotic variation in the current study).

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Table 1. Summary of lizard gastrointestinal parasite sampling of *Ameiva* and *Tropidurus* individuals collected from core Cerrado (Minas Gerais: Paracatu) and peripheral isolate localities (Rondônia: Guajará-Mirim, Pimenta Bueno, and Vilhena). *Tropidurs itambere* from Paracatu and *Tropidurus madeiramamore* from Guajará-Mirim. The summary statistics are presented for each lizard genus and by municipality.

	Peripheral Isolates			Core Cerrado	
Municipality	Guajará-Mirim	Pimenta Bueno	Vilhena	Paracatu	Total by genus
			Ameiva		
Total of individuals	93	169	93	62	417
Total of infected individuals	10	69	5	17	101
Prevalence of infection (%)	10.75	40.83	5.38	27.42	24.22
			Tropidurus		
Total of individuals	130			153	283
Total of infected individuals	111			63	174
Prevalence of infection (%)	85.3			41.12	61.48

Table 2. Model-averaged coefficients of all possible models relating demographic performance indicators of *Ameiva* and *Tropidurus* lizards sampled in core and peripheral Cerrado localities to lizard genera and spatial, environmental, and geographic gradients. SE: standard error. Adj.SE: adjusted standard error.

Predictor	Estimate	SE	Adj. SE	*z*	*p*
Body condition					
Intercept	2.700	0.022	0.022	122.443	**<2e-16**
Genus	0.104	0.052	0.052	1.974	**0.048**
Distance to center	-0.001	0.074	0.074	0.002	0.998
Distance to center:genus	0.007	0.055	0.055	0.124	0.901
Distance to periphery	0.004	0.110	0.110	0.040	0.968
Distance to periphery:genus	-0.001	0.066	0.066	0.007	0.994
Fragment area	0.009	0.020	0.020	0.446	0.656
Connectivity	-0.016	0.035	0.035	0.451	0.652
Inner fragmentation	-0.053	0.103	0.103	0.514	0.607
Elevation	-0.009	0.104	0.104	0.085	0.932
Maximum annual temperature	-0.001	0.085	0.085	0.009	0.993
Precipitation of warmest quarter	0.007	0.023	0.023	0.324	0.746
Precipitation of wettest quarter	-0.112	0.086	0.086	1.305	0.192
Soil PC1	-0.007	0.022	0.022	0.315	0.753
Soil PC2	-0.002	0.011	0.011	0.196	0.844
Gastrointestinal parasite abundance					
Intercept	-1.132	0.372	0.372	3.042	**0.002**
Genus	1.730	2.986	2.988	0.579	0.563
Distance to center	17.542	5.545	5.552	3.159	**0.001**
Distance to center:genus	2.134	3.299	3.301	0.647	0.518
Distance to periphery	-0.774	2.456	2.458	0.315	0.753
Distance to periphery:genus	-0.654	4.040	4.042	0.162	0.871
Fragment area	0.355	0.631	0.631	0.562	0.574
Connectivity	2.607	0.851	0.852	3.058	**0.002**
Inner fragmentation	0.556	2.333	2.335	0.238	0.812
Elevation	5.035	9.679	9.681	0.520	0.603
Maximum annual temperature	-16.357	11.212	11.217	1.458	0.145
Precipitation of warmest quarter	-4.846	2.167	2.169	2.234	**0.026**
Precipitation of wettest quarter	0.640	1.966	1.967	0.325	0.745
Soil PC1	-0.772	1.225	1.225	0.630	0.529
Soil PC2	0.737	0.571	0.572	1.290	0.197
Gastrointestinal parasite richness					
Intercept	-2.080	0.256	0.257	8.105	**<2e-16**
Genus	0.822	0.609	0.609	1.348	0.177
Distance to center	14.430	4.683	4.689	3.077	**0.002**
Distance to center:genus	0.488	0.640	0.641	0.761	0.447
Distance to periphery	0.681	3.397	3.398	0.200	0.841
Distance to periphery:genus	0.298	0.770	0.770	0.386	0.670

Fragment area	0.643	0.436	0.436	1.476	0.140
Connectivity	1.210	0.511	0.511	2.367	**0.018**
Inner fragmentation	-1.717	3.163	3.164	0.543	0.587
Elevation	-0.623	9.991	9.994	0.062	0.950
Maximum annual temperature	-16.340	10.677	10.682	1.530	0.126
Precipitation of warmest quarter	-4.245	1.794	1.796	2.364	**0.018**
Precipitation of wettest quarter	0.594	2.052	2.052	0.290	0.772
Soil PC1	-1.523	1.150	1.151	1.323	0.186
Soil PC2	0.074	0.392	0.392	0.189	0.850

931

Figure legends

Figure 1. a) *Ameiva ameiva* and *Tropidurus* lizard lineages distribution. Occurrence records are grey circles, and sampled localities are red diamonds. b) Map of Brazil, indicating central and peripheral Cerrado localities (red diamonds) and patches within each locality (star symbol). Peripheral isolates in Rondônia state from (I) Guajará-Mirim, (II) Pimenta Bueno, and (III) Vilhena, and core localities in Minas Gerais state from (IV) Paracatu. Orange: Cerrado, green: Amazonia.

Figure 2. Predictor importance (weight) from model selection considering all possible models relating demographic performance indicators of *Ameiva* and *Tropidurus* lizards sampled in core and peripheral Cerrado localities to lizard genera and spatial, environmental, and geographic gradients. (a) body condition, lizard gastrointestinal parasite (b) abundance, and (c) richness as indicators of demographic performance. * represents statistically significant coefficients on model average analysis.

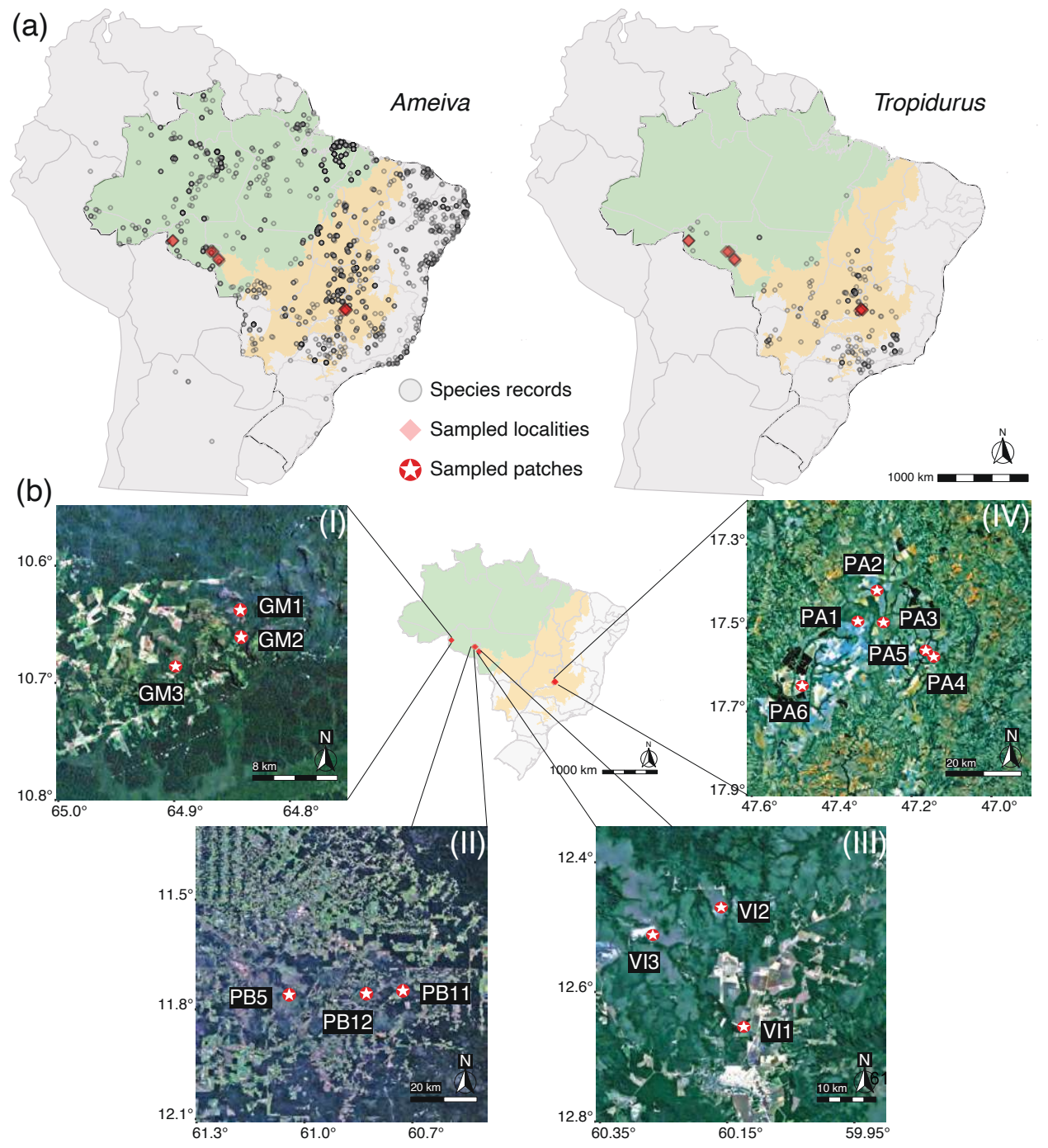
Figure 3. Results of model-averaged Generalized Linear Mixed Models (GLMMs) for the most important predictors for each indicator of demographic performance: lizard body condition (a), lizard gastrointestinal parasite abundance (b, d-g), and lizard gastrointestinal parasite richness (c, h-k).

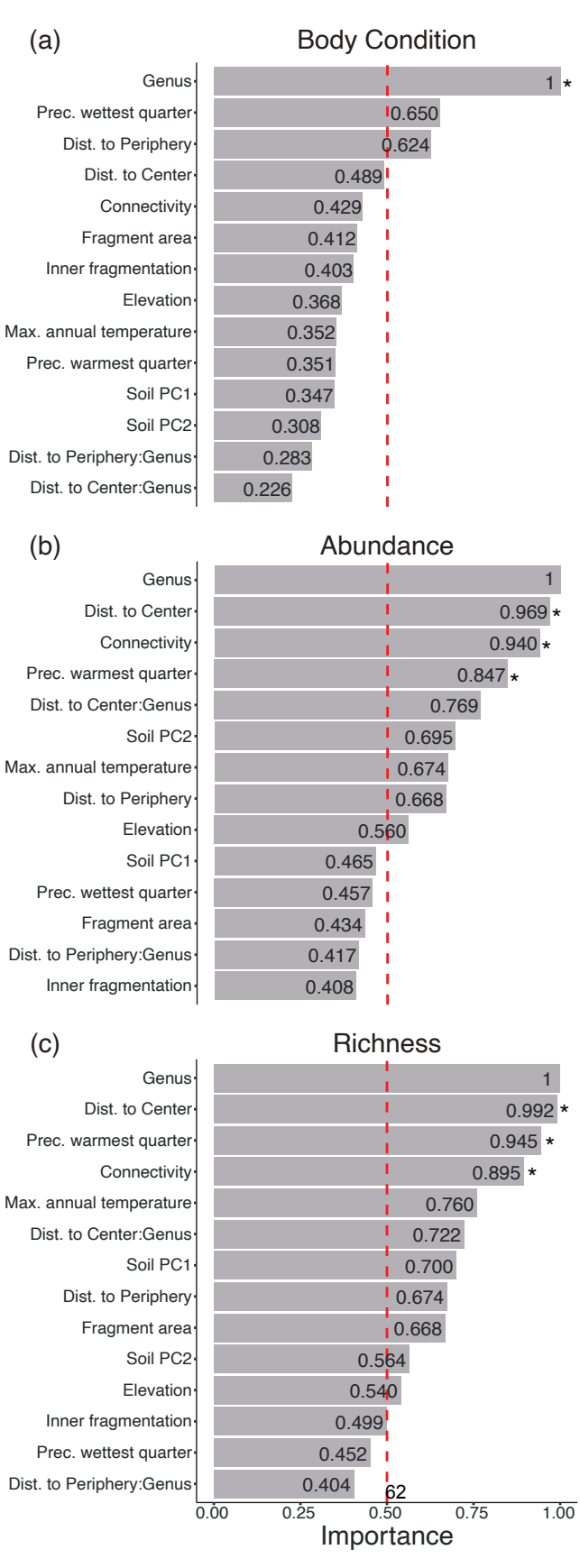
Figure 4. Results from Generalized Dissimilarity Models of lizard gastrointestinal parasite turnover, sampled from *Ameiva ameiva* and *Tropidurus* from the core (Minas Gerais: Paracatu) and peripheral (Rondônia: Guajará-Mirim, Pimenta Bueno, and Vilhena) Cerrado localities. Relationship between a) observed species turnover and predicted ecological

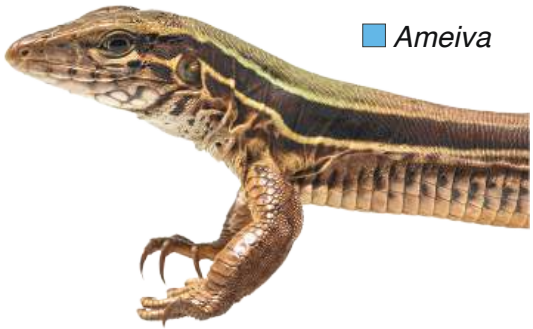
957 distance; b) observed species turnover vs. predicted species turnover. Relationship between
958 the model fitted I-spline and significant predictor variables: c) soil PC1; d) distance to
959 Cerrado's center (Km); e) fragment connectivity; f) soil PC2; g) fragment inner
960 fragmentation; and h) elevation.
961
962 **Figure 5.** Results of variable importance and variance partitioning analysis of Generalized
963 Dissimilarity Models for lizard gastrointestinal parasite turnover, sampled from *Ameiva*
964 *ameiva* and *Tropidurus* sampled from the core (Minas Gerais: Paracatu) and peripheral
965 (Rondônia: Guajará-Mirim, Pimenta Bueno, and Vilhena) Cerrado localities. a) Variable
966 importance from significant predictor variables and b) Venn diagram of environmental
967 variation and spatially structured variation regarding the total deviance explained by the
968 GDM. The circle areas are proportional to the variance explained by each component.
969
970 **Supporting information Figure S1**. Rarefaction/extrapolation curves based on sample size
971 for richness, Shannon and Simpson diversities (q = 0, 1, 2, respectively). The solid and
972 dashed lines refer to interpolated and extrapolated portions of the curve, respectively. Shaded
973 areas refer to 95% the confidence interval. a) among localities, b) core Cerrado *vs* peripheral
974 Cerrado isolates. In a) the colors refer to the localities and in b) the colors refer to core
975 Cerrado *vs* peripheral Cerrado isolates.
976
977 **Supporting Information: Figure S2**. Results of model-averaged Generalized Linear Mixed
978 Models (GLMMs) for all predictors for lizard body condition. The shapes refer to the
979 localities and the colors in k), l) and n) refer to lizard lineage: *Ameiva* in blue and *Tropidurus*
980 in orange.
981

Supporting Information: Figure S3. Results of model-averaged Generalized Linear Mixed Models (GLMMs) for all predictors for lizard gastrointestinal parasite abundance. The shapes refer to the localities and the colors in k), l) and n) refer to lizard lineage: *Ameiva* in blue and *Tropidurus* in orange.

Supporting Information: Figure S4. Results of model-averaged Generalized Linear Mixed Models (GLMMs) for all predictors for lizard gastrointestinal parasite richness. The shapes refer to the localities and the colors in k), l) and n) refer to lizard lineage: *Ameiva* in blue and *Tropidurus* in orange.


(a)
Ameiva
Tropidurus
Species records
Sampled localities
Sampled patches
N
1000 km
(b)
(I)
GM1
GM2
GM3
8 km
10.6°
10.7°
10.8°
65.0°
64.9°
64.8°
(II)
PB5
PB11
PB12
20 km
11.5°
11.8°
12.1°
61.3°
61.0°
60.7°
(III)
VI2
VI3
VI1
10 km
12.4°
12.6°
12.8°
60.35°
60.15°
59.95°
(IV)
PA2
PA1
PA3
PA5
PA4
PA6
20 km
17.3°
17.5°
17.7°
17.9°
47.6°
47.4°
47.2°
47.0°
1000 km


(a)
Body Condition
Genus
Prec. wettest quarter
Dist. to Periphery
Dist. to Center
Connectivity
Fragment area
Inner fragmentation
Elevation
Max. annual temperature
Prec. warmest quarter
Soil PC1
Soil PC2
Dist. to Periphery:Genus
Dist. to Center:Genus
1 *
0.650
0.624
0.489
0.429
0.412
0.403
0.368
0.352
0.351
0.347
0.308
0.283
0.226
(b)
Abundance
Genus
Dist. to Center
Connectivity
Prec. warmest quarter
Dist. to Center:Genus
Soil PC2
Max. annual temperature
Dist. to Periphery
Elevation
Soil PC1
Prec. wettest quarter
Fragment area
Dist. to Periphery:Genus
Inner fragmentation
1
0.969 *
0.940 *
0.847 *
0.769
0.695
0.674
0.668
0.560
0.465
0.457
0.434
0.417
0.408
(c)
Richness
Genus
Dist. to Center
Prec. warmest quarter
Connectivity
Max. annual temperature
Dist. to Center:Genus
Soil PC1
Dist. to Periphery
Fragment area
Soil PC2
Elevation
Inner fragmentation
Prec. wettest quarter
Dist. to Periphery:Genus
1
0.992 *
0.945 *
0.895 *
0.760
0.722
0.700
0.674
0.668
0.564
0.540
0.499
0.452
0.404
62
0.00
0.25
0.50
0.75
1.00
Importance



Ameiva



Tropidurus

(a)

Body Condition

2.9
2.8
2.7
2.6
2.5
2.4

Genus

(b)

Abundance

0
−3
−6
−9

Genus

(c)

Richness

0
−1
−2
−3
−4
−5

Genus

Abundance

(d)

0
−3
−6
−9

−1.0 −0.5 0.0 0.5 1.0

Dist. to Center

(e)

0
−3
−6
−9

−1.0 −0.5 0.0 0.5 1.0

Dist. to Center

(f)

0
−3
−6
−9

0 1 2

Connectivity

(g)

0
−3
−6
−9

−1 0 1

Prec. warmest quarter

Richness

(h)

0
−1
−2
−3
−4
−5

−1.0 −0.5 0.0 0.5 1.0

Dist. to Center

(i)

0
−1
−2
−3
−4
−5

−1.0 −0.5 0.0 0.5 1.0

Dist. to Center

(j)

0
−1
−2
−3
−4
−5

0 1 2

Connectivity

(k)

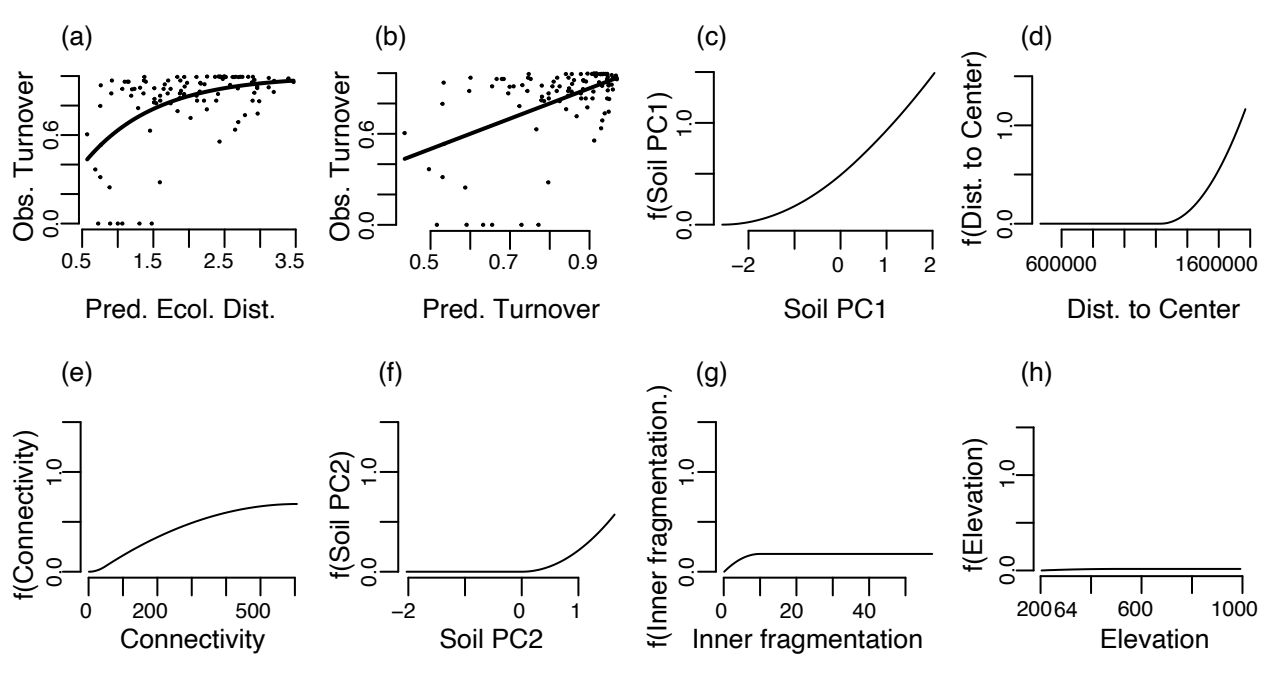
0
−1
−2
−3
−4
−5

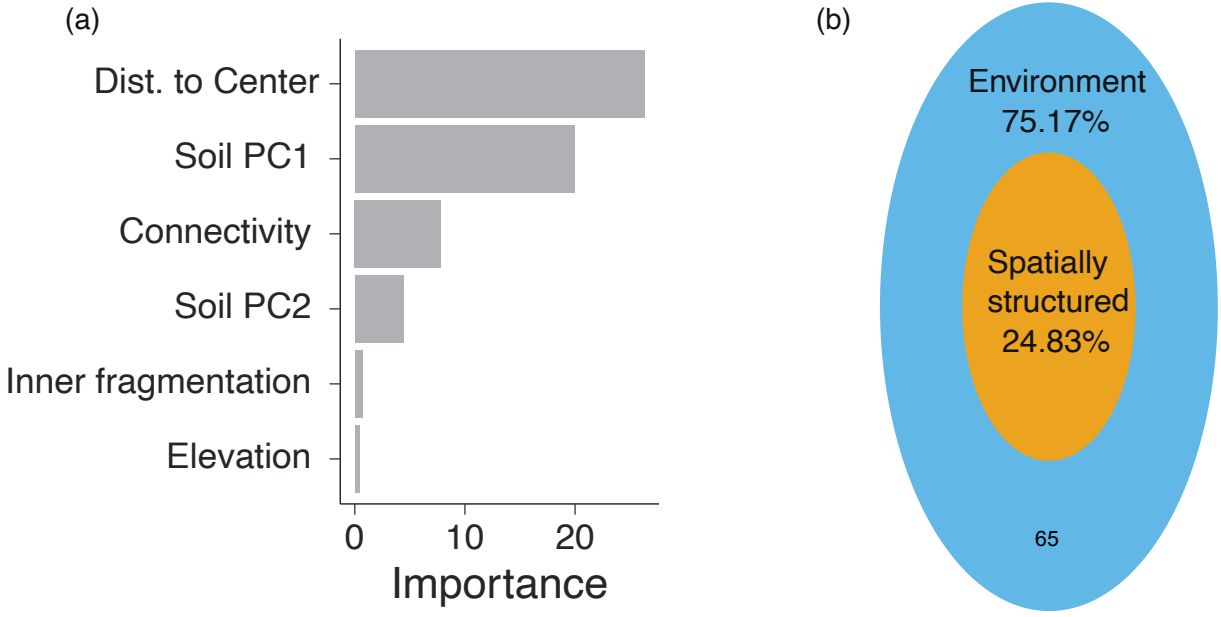
−1 0 1

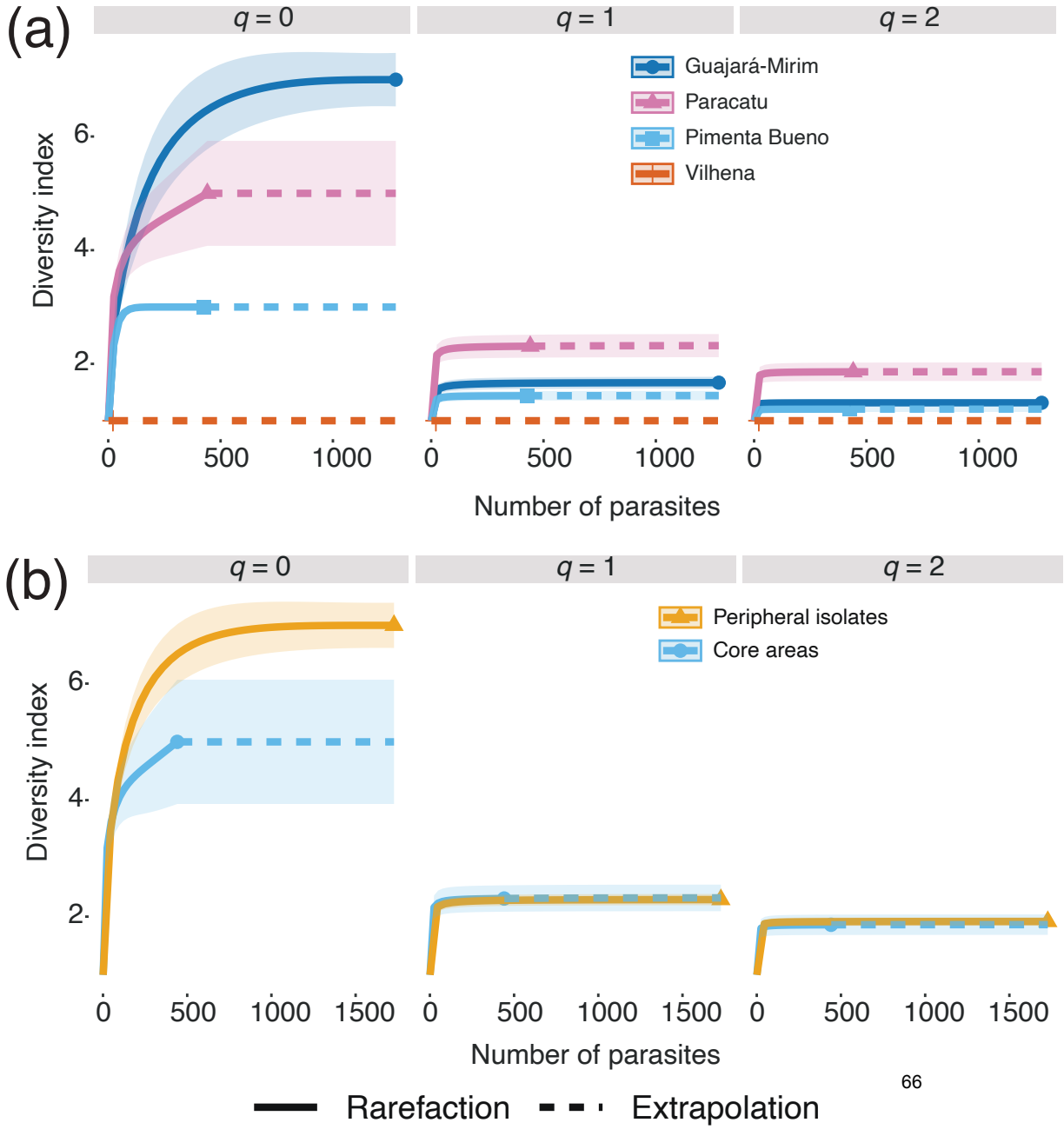
Prec. warmest quarter

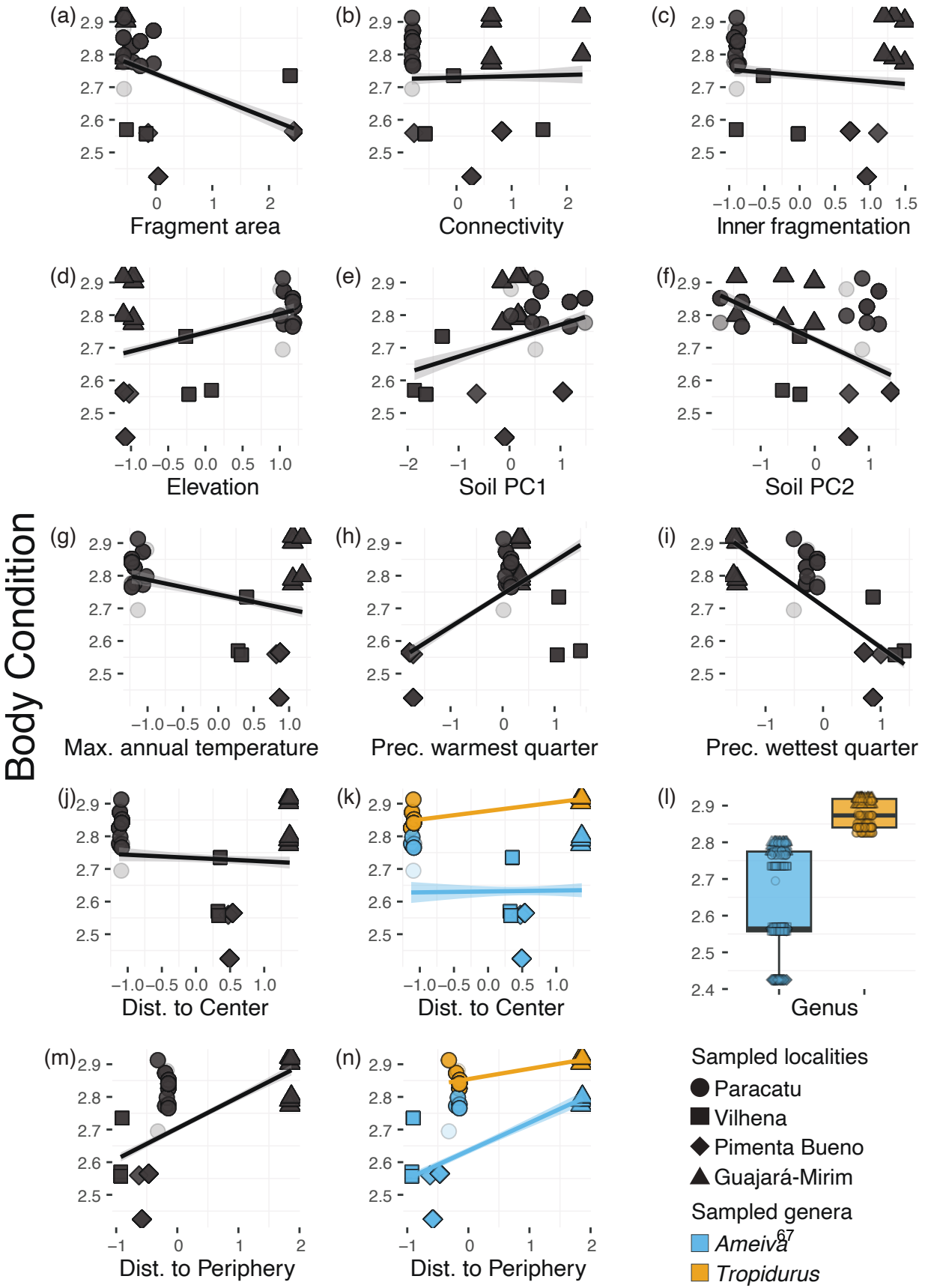
Sampled localities

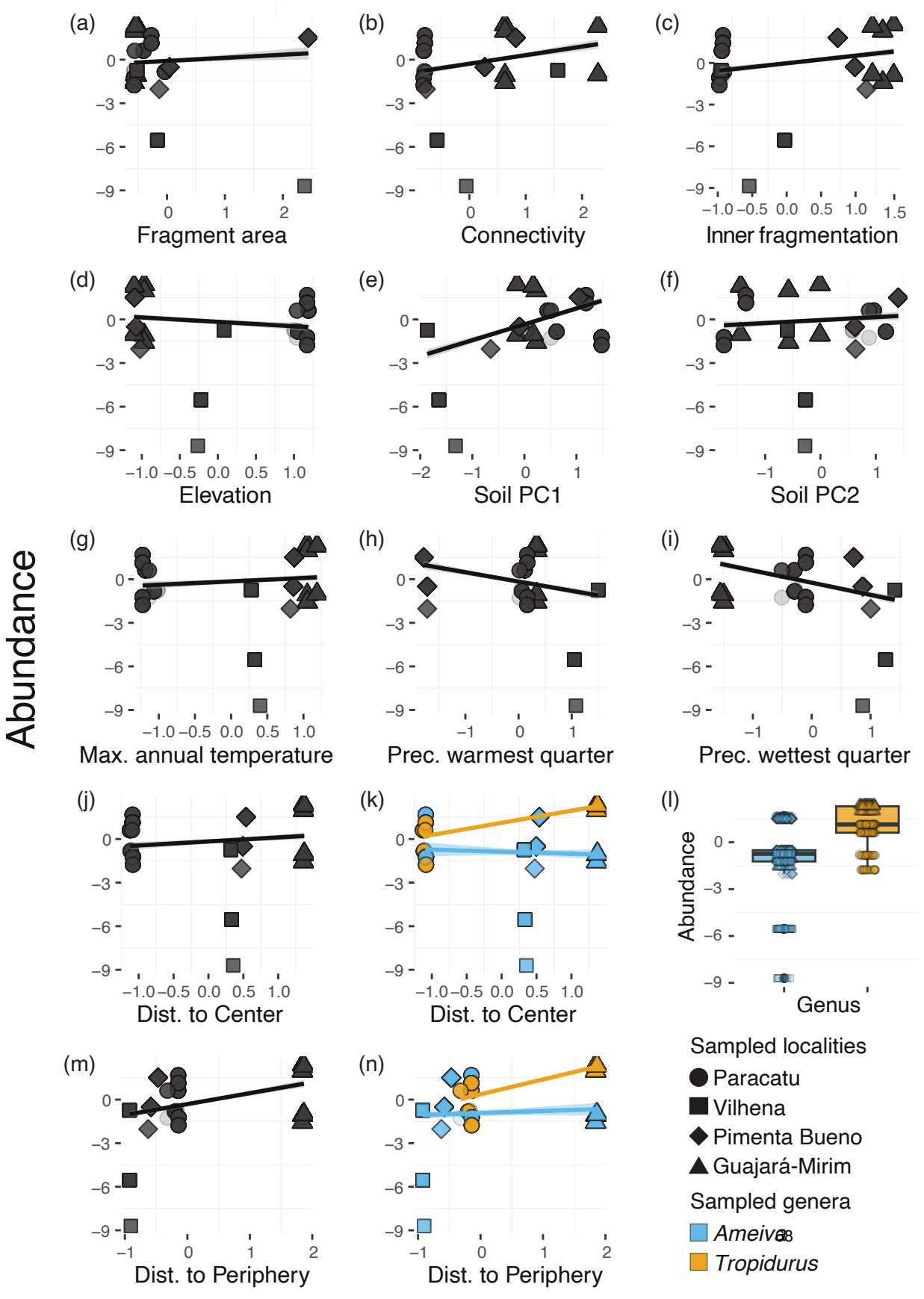
- Paracatu
- Vilhena
- Pimenta Bueno
- Guajará-Mirim

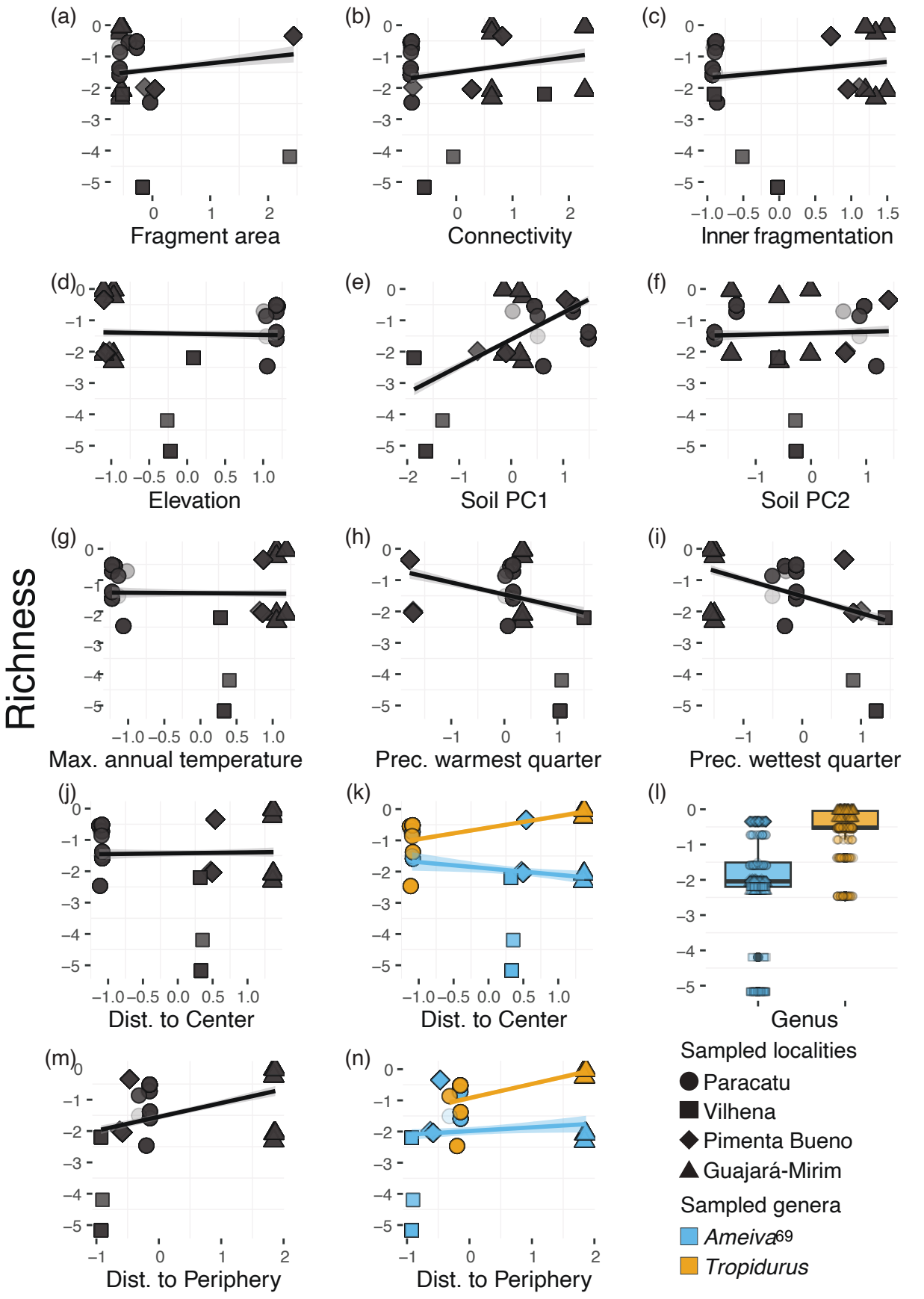

(a)
Obs. Turnover
0.0
0.6
0.5
1.5
2.5
3.5
Pred. Ecol. Dist.
(b)
Obs. Turnover
0.0
0.6
0.5
0.7
0.9
Pred. Turnover
(c)
f(Soil PC1)
0.0
1.0
−2
0
1
2
Soil PC1
(d)
f(Dist. to Center)
0.0
1.0
600000
1600000
Dist. to Center
(e)
f(Connectivity)
0.0
1.0
0
200
500
Connectivity
(f)
f(Soil PC2)
0.0
1.0
−2
0
1
Soil PC2
(g)
f(Inner fragmentation.)
0.0
1.0
0
20
40
Inner fragmentation
(h)
f(Elevation)
0.0
1.0
20064
600
1000
Elevation


(a)
Dist. to Center
Soil PC1
Connectivity
Soil PC2
Inner fragmentation
Elevation
0
10
20
Importance
(b)
Environment
75.17%
Spatially
structured
24.83%
65


(a)
q = 0
q = 1
q = 2
Guajará-Mirim
Paracatu
Pimenta Bueno
Vilhena
Diversity index
6
4
2
0
500
1000
Number of parasites
(b)
q = 0
q = 1
q = 2
Peripheral isolates
Core areas
Diversity index
6
4
2
0
500
1000
1500
Number of parasites
Rarefaction
Extrapolation


(a)
Fragment area
(b)
Connectivity
(c)
Inner fragmentation
(d)
Elevation
(e)
Soil PC1
(f)
Soil PC2
Body Condition
(g)
Max. annual temperature
(h)
Prec. warmest quarter
(i)
Prec. wettest quarter
(j)
Dist. to Center
(k)
Dist. to Center
(l)
Genus
(m)
Dist. to Periphery
(n)
Dist. to Periphery
Sampled localities
Paracatu
Vilhena
Pimenta Bueno
Guajará-Mirim
Sampled genera
Ameiva
Tropidurus


Abundance
(a)
Fragment area
(b)
Connectivity
(c)
Inner fragmentation
(d)
Elevation
(e)
Soil PC1
(f)
Soil PC2
(g)
Max. annual temperature
(h)
Prec. warmest quarter
(i)
Prec. wettest quarter
(j)
Dist. to Center
(k)
Dist. to Center
(l)
Abundance
Genus
(m)
Dist. to Periphery
(n)
Dist. to Periphery
Sampled localities
Paracatu
Vilhena
Pimenta Bueno
Guajará-Mirim
Sampled genera
Ameiva
Tropidurus


(a)
Fragment area
(b)
Connectivity
(c)
Inner fragmentation
(d)
Elevation
(e)
Soil PC1
(f)
Soil PC2
Richness
(g)
Max. annual temperature
(h)
Prec. warmest quarter
(i)
Prec. wettest quarter
(j)
Dist. to Center
(k)
Dist. to Center
(l)
Genus
(m)
Dist. to Periphery
(n)
Dist. to Periphery
Sampled localities
Paracatu
Vilhena
Pimenta Bueno
Guajará-Mirim
Sampled genera
Ameiva69
Tropidurus

Supporting Information Table S1. Number of *Ameiva* and *Tropidurus* individuals collected, geographic coordinates, and landscape parameters from core Cerrado (Minas Gerais: Paracatu) and peripheral isolate localities (Rondônia: Guajará-Mirim, Pimenta Bueno, and Vilhena). Area: total fragment area in hectares; Habitat rich: total number of vegetation and soil classes; Inner frag.: inner fragmentation (the ratio of the number of inner patches by total fragment area, connectivity (number of fragments in a 250 m radius). Perimeter: total perimeter in kilometers; Edge (check formula methods).

Locality	Latitude	Longitude	*Ameiva*	*Tropidurus*	Area	Habitat rich.	Inner frag.	Connectivity	Perimeter (km^2)	Edge
Guajará-Mirim 1	10°38’25’’S	64°50’32’’W	30	52	104.640	60	57.360	283	18.260	5.040
Guajará-Mirim 2	10°39’39’’S	64°50’37’’W	27	36	7.430	4	53.760	283	1.980	2.040
Guajará-Mirim 3	10°41’05’’S	64°53’53’’W	36	42	81.500	41	50.370	606	10.350	3.240
Pimenta Bueno 5	11°45’31’’S	61°02’56’’W	85	0	7481.740	2918	39	320	860.160	28.50
Pimenta Bueno 11	11°44’56’’S	60°43’46’’W	7	0	1091.970	528	48.350	9	197.870	16.890
Pimenta Bueno 12	11°45’27’’S	60°49’52’’W	77	0	1530	682	44.580	213	259.970	18.750
Vilhena 1	12°39’29’’S	60°07’18’’W	43	0	135.720	1	0.740	466	13.500	3.270
Vilhena 2	12°28’09’’S	60°09’18’’W	43	0	1006.350	217	21.560	48	44.760	3.980
Vilhena 3	12°30’45’’S	60°15’54’’W	7	0	7314.810	726	9.930	149	326.990	11.970
Paracatu 1	17°29’11’’S	47°19’55’’W	0	25	1326.240	811	1.635	5	42.419	3.286
Paracatu 2	17°24’36’’S	47°16’47’’W	0	37	413.820	435	0.951	1	11.400	1.581
Paracatu 3	17°29’24’’S	47°16’05’’W	0	2	10.260	21	0.489	2	1.560	1.374
Paracatu 4	17°34’26’’S	47°08’36’’W	42	23	6.660	49	0.136	1	3.180	3.476
Paracatu 5	17°33’29’’S	47°09’47’’W	19	57	747.180	576	1.297	5	39.240	4.050
Paracatu 6	17°38’22’’S	47°28’22’’W	1	9	33.300	36	0.925	2	3.480	1.701

Supporting Information Table S2. Gastrointestinal parasites of *Ameiva ameiva* and *Tropidurus* lizards sampled in core and peripheral Cerrado localities.

Sampling areas	*Spinicauda spinicauda*	*Physaloptera lutzi*	*Piratuba* sp.	*Strongyluris panamensis*	*Physalopteroides venancioi*	Cestoda	*Physaloptera retusa*	*Strongyluris oscari*
				Ameiva				
Peripheral isolates	10	26	0	0	37	16	388	0
Guajará-Mirim	10	0	0	0	3	16	0	0
Guajará-Mirim 1	1	0	0	0	0	5	0	0
Guajará-Mirim 2	4	0	0	0	0	5	0	0
Guajará-Mirim 3	5	0	0	0	3	8	0	0
Pimenta Bueno	0	26	0	0	13	0	388	0
Pimenta Bueno 5	0	22	0	0	11	0	344	0
Pimenta Bueno 11	0	0	0	0	0	0	0	0
Pimenta Bueno 12	0	4	0	0	2	0	44	0
Vilhena	0	0	0	0	21	0	0	0
Vilhena 1	0	0	0	0	21	0	0	0
Vilhena 2	0	0	0	0	0	0	0	0
Vilhena 3	0	0	0	0	0	0	0	0
Core areas	1	2	0	0	169	0	0	0
Paracatu	1	2	0	0	169	0	0	0
Paracatu 1	0	0	0	0	0	0	0	0
Paracatu 2	0	0	0	0	0	0	0	0
Paracatu 3	0	0	0	0	0	0	0	0
Paracatu 4	0	2	0	0	2	0	0	0
Paracatu 5	1	0	0	0	166	0	0	0
Paracatu 6	0	0	0	0	1	0	0	0
				Tropidurus				
Peripheral isolates	0	1108	7	0	0	0	132	4
Guajará-Mirim	0	1108	7	0	0	0	132	4
Guajará-Mirim 1	0	532	5	0	0	0	61	1

Guajará-Mirim 2	0	218	0	0	0	0	66	2
Guajará-Mirim 3	0	358	2	0	0	0	5	0
Pimenta Bueno	0	0	0	0	0	0	0	0
Pimenta Bueno 5	0	0	0	0	0	0	0	0
Pimenta Bueno 11	0	0	0	0	0	0	0	0
Pimenta Bueno 12	0	0	0	0	0	0	0	0
Vilhena	0	0	0	0	0	0	0	0
Vilhena 1	0	0	0	0	0	0	0	0
Vilhena 2	0	0	0	0	0	0	0	0
Vilhena 3	0	0	0	0	0	0	0	0
Core areas	0	99	0	26	137	0	7	0
Paracatu	0	99	0	26	137	0	7	0
Paracatu 1	0	3	0	3	7	0	0	0
Paracatu 2	0	52	0	8	1	0	3	0
Paracatu 3	0	0	0	0	0	0	0	0
Paracatu 4	0	0	0	1	3	0	2	0
Paracatu 5	0	32	0	12	126	0	2	0
Paracatu 6	0	12	0	2	0	0	0	0

Supporting Information Table S3. Observed and estimated diversity indices (species richness and Shannon and Simpson diversity) for lizard gastrointestinal parasites sampled in core and peripheral Cerrado localities. Values refer to patch geographical location (central: core Cerrado and peripheral: Cerrado-Amazonia transition) and patch localities (Guajará-Mirim, Pimenta-Bueno, Vilhena, and Paracatu). SE: standard error, LCL: lower confidence limit, UCL: upper confidence limit.

	Species Richness				Shannon Diversity				Simpson Diversity			
Sampling areas	Observed	Estimated (SE)	LCL	UCL	Observed	Estimated (SE)	LCL	UCL	Observed	Estimated (SE)	LCL	UCL
Ameiva												
Peripheral isolates	5	5 (0)	5	5	2.053	2.062 (0.114)	1.837	2.287	1.487	1.489 (0.066)	1.358	1.619
Guajará-Mirim	3	3 (0.256)	3	3.502	2.534	2.626 (0.270)	2.097	3.156	2.304	2.416 (0.309)	1.809	3.024
Pimenta-Bueno	3	3 (0)	3	3	1.438	1.442 (0.059)	1.326	1.558	1.204	1.204 (0.035)	1.136	1.273
Vilhena	1	1 (0)	1	1	1	1 (0)	1	1	1	1 (0)	1	1
Core areas	3	3.497 (1.190)	3	5.830	1.104	1.113 (0.058)	0.999	1.227	1.035	1.035 (0.020)	0.995	1.076
Paracatu	3	3.497 (1.262)	3	5.970	1.104	1.113 (0.058)	0.999	1.227	1.035	1.035 (0.021)	0.994	1.077
Tropidurus												
Peripheral isolates	4	4 (0.140)	4	4.275	1.480	1.482 (0.034)	1.414	1.550	1.256	1.257 (0.023)	1.211	1.302
Guajará-Mirim	4	4 (0.140)	4	4.275	1.480	1.482 (0.035)	1.411	1.552	1.256	1.257 (0.023)	1.210	1.304
Pimenta-Bueno	-	-	-	-	-	-	-	-	-	-	-	-
Vilhena	-	-	-	-	-	-	-	-	-	-	-	-
Core areas	4	4 (0)	4	4	2.807	2.823 (0.110)	2.607	3.039	2.470	2.483 (0.101)	2.285	2.681
Paracatu	4	4 (0)	4	4	2.807	2.823 (0.105)	2.617	3.029	2.470	2.483 (0.098)	2.290	2.676

Supporting Information Table S7: Results from Generalized Dissimilarity Modelling. Models of lizard gastrointestinal parasite turnover with and without geographic distance. Values depict the coefficients of three I-spline basis functions that represent the amount of compositional turnover associated with each predictor. The sum of the three coefficients represents the importance of each predictor in determining patterns of beta diversity. Lizards refer to *Ameiva ameiva* and *Tropidurus* spp. sampled from localities at core Cerrado and peripheral isolate patches in southwestern Amazonia. Core Cerrado patches are from Paracatu – Minas Gerais, and peripheral isolate patches in southwestern Amazonia are from Guajará-Mirim, Pimenta Bueno, and Vilhena, Rondônia state.

Predictor	Coef 1	Coef 2	Coef 3	Sum of coefficients
Gastrointestinal lizard parasites with geographic distance				
Soil PC1	0	0.964	0.541	1.504
Distance to center	0	0	1.193	1.193
Fragment connectivity	0	0.679	0	0.679
Soil PC2	0	0	0.586	0.586
Fragment inner fragmentation	0.178	0	0	0.178
Elevation	0.016	0	0	0.016
Geographic	0	0	0	0
Precipitation of wettest quarter	0	0	0	0
Precipitation of warmest quarter	0	0	0	0
Maximum annual temperature	0	0	0	0
Fragment area	0	0	0	0
Distance to periphery	0	0	0	0
Gastrointestinal lizard parasites without geographic distance				
Soil PC1	0	0.964	0.541	1.504
Distance to center	0	0	1.193	1.193
Fragment connectivity	0	0.679	0	0.679
Soil PC2	0	0	0.586	0.586
Fragment inner fragmentation	0.178	0	0	0.178
Elevation	0.016	0	0	0.016
Precipitation of wettest quarter	0	0	0	0
Precipitation of warmest quarter	0	0	0	0
Maximum annual temperature	0	0	0	0

Fragment area	0	0	0	0
Distance to periphery	0	0	0	0

Demographic performance of a lizard on geographic and ecological gradients: a test of the Center-periphery Hypothesis

Running title: Lizard Demographic performance on geographic and ecological gradients

Submitted to *Ecography*.

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Conflict of interest statement

The authors declare no conflict of interest.

Demographic performance of a lizard on geographic and ecological gradients: a test of the Center-periphery Hypothesis

Abstract

We evaluate the demographic performance of the Cerrado lizard *Tropidurus itambere* across gradients of geographic centrality, geographic peripherality and ecological suitability to test the Center-periphery Hypothesis. We use morphological (body mass, snout-vent length, body condition, and fluctuating asymmetry) and genetic traits (Nei's Fst and allelic richness) as indicators of demographic performance and construct a correlative Species Distribution Model (SDM) to define the gradients of geographic centrality/peripherality and environmental suitability. We use Integrated Nested Laplace Approximation (INLA) models to associate our indicators of demographic performance to our predictors (geographic centrality/peripherality and environmental suitability). Our analysis showed that areas of higher environmental suitability for *Tropidurus itambere* are in the central and southern regions of the Cerrado. The gradients of geographic centrality/peripherality and environmental suitability did not significantly explain variations in most indicators of demographic performance. Only the fluctuating symmetry of the supra-orbital (1st row) and genetic differentiation from Cytochrome b exhibited significant relationships with geographic centrality, following the predicted patterns of the Center-periphery Hypothesis. The literature on the Center-periphery Hypothesis recognizes that factors other than niche limits could influence the variation in demographic performance, still our Integrated Nested Laplace Approximation models allowed the identification of relevant patterns, increasing the reliability of our results. We collaborate to decrease the geographic bias of the Center-periphery Hypothesis literature, providing information from a Cerrado species, a biome that is

under substantial exploration pressures and showing that the gradient of geographic centrality is a good proxy for environmental suitability and its effects on species demographic performance.

Keywords: Cerrado, environmental suitability, fluctuating asymmetry, genetic differentiation, genetic diversity, INLA, morphometry, reptile, Species Distribution Model, *Tropidurus itambere*.

Introduction

Identifying the patterns of species distribution to understand why species are present or not in particular environments is one of the main goals of Ecology. The Center-periphery Hypothesis (hereafter CPH) is one theory idealized to assess these patterns, particularly evaluating the variation of demographic performance along a species' distribution (Brown 1984; Pironon et al. 2016). The CPH states that populations from a species should have higher demographic performance at the center of its distribution, characterized by higher abundance, higher morphological status, higher genetic diversity and lower genetic differentiation (at the population level). Initially idealized for evaluating patterns on gradients of geographic centrality/peripherality, the idea of distinguishing geographic and environmental peripherality emerged as studies began to challenge the view of a species' geographic limits coinciding with their limits of environmental tolerance (Chardon et al. 2015; Hargreaves, Samis, and Eckert 2014). Implementing the gradient of environmental centrality, represented by environmental suitability, allows for a more direct link to the species' niche, which refers to the abiotic conditions necessary for the species to survive in areas in which it was able to disperse (Soberón and Nakamura 2009). Species distribution models (SDMs) have become essential tools for analyzing species' ecological niches and testing biogeographical hypotheses (Franklin 2023; Soley-Guardia, Alvarado-Serrano, and Anderson 2024). These models utilize statistical and machine learning techniques to generate equations that link species presence data with environmental variables, describing and predicting species-environment interactions (Franklin 2023).

Evaluating different functional traits is relevant for getting a broader view on the effects of geographic and environmental gradients on species' demographic performance, which could

have diverging patterns due to the complexity of spatial, ecological and historical factors (Casazza et al. 2021). A seminal review by Pironon et al. (2016) showed that genetic traits were the most studied category and size was the least studied category, with most studies evaluating a single category of traits, either genetic, morphological or population rates. These studies showed a general trend of lower genetic diversity and higher genetic differentiation in peripheral populations, but these were not ubiquitous (Eckert, Samis, and Lougheed 2008; Johannesson and André 2006). The expectation from morphological traits is that individuals from peripheral populations should have lower size and higher developmental instability, due to non-optimal conditions (Levin 1970; Meiri et al. 2009), but these patterns were not confirmed (Pironon et al. 2016). Most studies evaluated geographic gradients, and there was a geographic bias with a clear over-representation of temperate areas (Pironon et al. 2016). Studies that increase the geographic range of the available studies are warranted, particularly when evaluating different categories of traits.

Here, we propose to evaluate the demographic performance of *Tropidurus itambere,* a widely distributed Cerrado lizard (De Carvalho 2013). *T. itambere* is a small sized, sit-and-wait forager (Rodrigues 1987), occurring in Central Cerrado in the states of Goiás, Tocantins, Mato Grosso, Mato Grosso do Sul, São Paulo and Bahia, with its southernmost record in Paraná (Figure 1). The Cerrado is considered a hotspot of biodiversity, with high species abundance and richness among different taxonomic groups, while being highly threatened due to over exploitation, particularly by agroecosystems (Myers et al. 2000). The need to add studies outside temperate areas identified by Pironon et al. (2016) and the Cerrado's status as a hotspot of biodiversity assert the importance of CPH evaluations with Cerrado species. We assess the variation of morphological and genetic traits as indicators of *T. itambere'*s demographic

performance on gradients of geographic centrality/peripherality and environmental suitability as a test of the CPH. We use morphometric, fluctuating asymmetry measures and genetic differentiation and diversity from mitochondrial and nuclear sequences as indicators of demographic performance. We use body mass, snout-vent length, body condition — Scaled Mass Index, which associates body mass and size as a proxy for an individual's health and energetic status (Peig and Green 2009, 2010), and fluctuating asymmetry — as a proxy for developmental instability (Palmer and Strobeck 1986) - as morphological traits. We use allelic richness and Nei's Fst as diversity and differentiation indexes, respectively, from both mitochondrial and nuclear sequences. These indexes are frequently measured on CPH evaluations using genetic traits and certifies that the results from the present study would be comparable with the CPH literature.

We recognize the possibility of spatial autocorrelation inherent in geographically distributed data, which we account for by using the Integrated Nested Laplace Approximation (INLA) models. INLA models are a deterministic approach for the implementation of Bayesian inference without the need to run Markov Chain Monte Carlo (MCMC) simulations, striking a good balance between computation time and accuracy (Rue et al. 2017). Analysis of spatial data with INLA allows predicting the spatial processes driving the patterns and assessing the effects of covariates while accounting for spatial autocorrelation by separating the general trend to the random spatial variation (Gómez-Rubio 2020). INLA relies on Stochastic Partial Differential Equations (SPDE) to represent continuous spatial processes as discreetly indexed spatial random processes (Blangiardo et al. 2013). This framework also allows for model assessment by computing the standard Bayesian criteria for model assessment and selection (Gómez-Rubio 2020). We use the demographic indicators as response variables and geographic centrality,

98 geographic peripherality and environmental suitability as predictor variables. We check the
99 relationship between the gradients of geographic centrality/peripherality and environmental
100 suitability and visualize the patterns of variation of each indicator of demographic performance
101 on these gradients. We then assess which are the gradients driving variation in each demographic
102 indicator. We expect environmental suitability to linearly decrease as centrality increases and
103 linearly increase as peripherality increases (more suitable areas in central locations). We expect
104 body mass, snout-vent length and body condition to decrease and fluctuating asymmetry to
105 increase in the centrality/peripherality gradient. We expect genetic diversity to decrease and
106 genetic differentiation to increase in the centrality/peripherality gradient. We expect the gradient
107 of environmental suitability to be the most important driver of variation of demographic
108 performance, as this would be a more direct representation of the species' niche, regarding its
109 abiotic tolerances.

110 **Material and methods**

111 We used body mass, snout-vent length, body condition and fluctuating asymmetry as
112 morphometric traits, and Fst's differentiation and allelic richness from Cytochrome b and
113 Anchored Hybrid Enriched nuclear sequences as genetic traits. We generated a correlative
114 Species Distribution Model, creating continuous and binary suitability maps. We used distance to
115 center and periphery of the binary suitability map as geographic centrality/peripherality gradients
116 and the continuous suitability values as the gradient of environmental suitability.

117 *Indicators of demographic performance*

118 *Morphometric traits*

We used body mass, snout-vent length and body condition and fluctuating asymmetry as morphometric traits. Data on body mass, snout-vent length and body condition were obtained from expedition field trips from the research team from Coleção Herpetológica da Universidade de Brasília (CHUNB). We used body condition as an indicator of an animal's energetic state, health, or quality of physiological and nutritional condition (Peig and Green 2009, 2010). We used the scaled mass index (SMI), as it allows controlling for the confounding effects of growth while accounting for the changing relationship between mass and length as the individual grows (Peig and Green 2010). The SMI is calculated with the following equation:

$$\widehat{Mi} = Mi[\frac{L0}{Li}]^{b_{SMA}}$$

In which, Mi and Li refer, respectively, to individual's i body mass and linear body measurement (Snout-Vent Length, SVL); b_{SMA} is the scaling exponent estimated by the standardized major axis (SMA) regression of natural log of M on L; L0 is an arbitrary value of L (e.g. the arithmetic mean value for the study population) and is the predicted body mass for individual i when the linear body measure is standardized to L0.

Fluctuating asymmetry refers to the random differences between right and left sides of a bilaterally symmetrical trait and is often used as an indicator of developmental instability and environmental stress (Palmer 1994). Since the development of both sides are controlled by a single set of genes, any difference between sides of a single trait likely represents influences from environmental origin (Clarke 1993; Kark et al. 2004; Palmer and Strobeck 1986). We calculated (1) mean module of the difference between right and left side and (2) the sum of asymmetric scale series of each individual divided by the number of individuals for each population for supra-oculars, super-ciliars, post-rostrals, mentals, loreals, supra and infra labials,

chin shields and sub-digitals of the fourth finger from fore and hindlimbs. These asymmetry indexes correspond to indexes 1 and 12 from Palmer & Strobeck (1986). These data were obtained from specimens deposited at Coleção Herpetológica da Universidade de Brasília (CHUNB) and Museu de Zoologia da Universidade de São Paulo (MZUSP).

Genetic traits

We used mitochondrial and nuclear data available at the Dryad database (F.M.C.B. Domingos et al. 2016). These refer to mitochondrial (Cytochrome b) and nuclear data (Anchored Hybrid Enrichment), with samples encompassing *Tropidurus itambere* distribution. Check Domingos et al. (2017) for more details on DNA extraction, amplification and sequencing. We calculated Nei's genetic distance as a measure of differentiation and allelic richness as a measure of genetic diversity. We used the R packages *hierfstat* (Goudet et al. 2005) for Nei's distance and *pegas* (Paradis 2010) for allelic richness. For each population, we measured genetic diversity and pairwise genetic differentiation as these represent complementary aspects of population structure (Jost et al. 2018) and are commonly used by CPH studies that investigate genetic variation (Lira-Noriega and Manthey 2014). This would allow points of comparisons between this study and the CPH literature overall.

Species Distribution Model

Tropidurus itambere occurrences

We used Species Distribution Modeling (SDM) to assess environmental suitability for *Tropidurus itambere* under current conditions. We based our occurrence data on expert-reviewed records, starting with an initial dataset of 137 occurrences. We delineated a polygon around the occurrence records using Kernel Density Estimation (KDE) – R package *adeHabitatHR*

(Calenge and Fortmann-Roe 2024) – to represent the species' accessible environment without overestimating its range (Franklin 2023; Soley-Guardia, Alvarado-Serrano, and Anderson 2024), and allowing for the irregularity of species geographical range to be considered (Blonder et al. 2014; Brown, Stevens, and Kaufman 1996; Soberón and Nakamura 2009; Broennimann et al. 2012). We applied a geographic filter to mitigate sampling bias (50 km) (Boria et al. 2014; Franklin 2023; Varela et al. 2014; Soley-Guardia, Alvarado-Serrano, and Anderson 2024) and incorporated an environmental filter to account for the covariation within the environmental space, following the approach by Varela et al. (2014). This methodology requires us to define a number of environmental classes, and we used Moran's I index of spatial autocorrelation, following the methodology proposed by Castellanos et al. (2019). The environmental filter significantly reduced the number of occurrence records, but had a minimal effect on spatial autocorrelation. Given the importance of sample size on model performance (Moudrý et al. 2024; Soley-Guardia, Alvarado-Serrano, and Anderson 2024), our final dataset consisted of 70 occurrence records (Figure 1), keeping a balance between maintaining occurrence data and avoiding biases.

Environmental variables

We downloaded the 19 bioclimatic variables from WorldClim 2 (Fick and Hijmans 2017) and cropped them to the extent of Brazil, which we defined as our complete study area. To address multicollinearity, we performed a Variance Inflation Factor (VIF) analysis, retaining variables with correlation coefficients below 0.7. The selected variables were isothermality (bio3), temperature annual range (bio7), mean temperature of the wettest quarter (bio8), precipitation of the wettest month (bio13), precipitation of the warmest quarter (bio18), and precipitation of the coldest quarter (bio19). The Species Distribution Model (SDM) was trained using environmental

data from within the occurrence polygon of *Tropidurus itambere*, created via Kernel Density Estimation.

Fitting and projecting the Species Distribution Model

We fit the Species Distribution Models with the Random Forest (RF) machine learning algorithm, since it generates high-performance models with relatively low computational cost (Valavi et al. 2022). Random Forest has been shown to perform better when the number of pseudo-absences matches the number of presences (Barbet-Massin et al. 2012), so we generated 20 pseudo-absence datasets – point at which an asymptote was reached for True Skill Statistic (TSS) values in Random Forest models run with 100 occurrences (Barbet-Massin et al. 2012) – each containing the same number of occurrence records. Pseudo-absences were generated using the Surface Range Envelope method, which samples points differing from presence conditions by a defined proportion, a technique that is recommended when one is confident in the proper representation of the species' distribution (Thuiller et al. 2024). The dataset was split into calibration and validation sets using two different approaches. It has been demonstrated that random splitting can introduce biases when projecting models to non-analog conditions, such as different areas or time periods from those used in training (Anderson 2013; Elith, Kearney, and Phillips 2010). As an alternative, we used block cross-validation (CV), where occurrence records are divided into four equally sized bins, ensuring that each CV subset reflects similar environmental conditions (Muscarella et al. 2014). We compared block CV with the more commonly used *k*-fold ($k = 4$) cross-validation method. Both models were run with 10 permutations, and we used 10 permutations from each model to assess variable importance. We used Area Under the ROC Curve (AUC), TSS, Kappa, Accuracy, Bias, and Boyce to evaluate model performance, focusing on AUC and TSS, as these are more reliable indicators of model

performance. The final model was created by the ensemble of models with TSS scores above 0.7, using a weighted mean approach where model probabilities were weighted according to their evaluation scores. This ensemble approach is the most widely used in SDM studies (Hao et al. 2019) and has been shown to outperform other ensemble methods (Marmion et al. 2009). The ensemble model generated from the individual models trained with the BlockCV method yielded the best performance, both in single-model and ensemble comparisons (Supporting Information: Figure S1) and created binary maps using a threshold that balances sensitivity and specificity (true positive and negative rates, respectively), as we want to balance both commission and omission errors (falsely predicting a presence or an absence, respectively) (Guisan, Thuiller, and Zimmermann 2017; Liu et al. 2005).

Statistical analysis

We assessed the nature of correlation between the geographic gradients (centrality and peripherality) and environmental suitability, checking if the CPH's prediction of a linear relationship between the geographic and environmental gradients is confirmed. We sampled 500 random points inside the occurrence area predicted by *Tropidurus itambere*'s Species Distribution Model (SDM) and obtained centrality, peripherality and suitability values. This occurrence area refers to the species' realized niche: the set of environmental conditions suitable for the species and which it was able to reach. We calculated geographic centrality as the Euclidian distance of each population to the centroid of *T. itambere*'s binary suitability raster, such that lower values of centrality refer to the most central locations. Geographic peripherality was calculated as the Euclidian distance of each population to the closest border of *T. itambere*'s binary suitability raster, such that lower values of peripherality refer to the most peripheral locations. We used both geographic centrality and peripherality as these might give different

information in the case of non-circular polygons, which is expected when evaluating a species' area of occurrence (Broennimann et al. 2021; Santini et al. 2019; Blonder et al. 2014). We used the R package *terra* (Hijmans, Bivand, et al. 2024) to calculate *T. itambere*'s centroid, and the R package *geosphere* (Hijmans, Karney, et al. 2024) to calculate centrality and peripherality. We used the environmental suitability values from the continuous projection of *T. itambere's* SDM as our gradient of environmental suitability. This value varies from 0 to 1000 (least suitable to most suitable) and refers to the probability of species occurrence on those conditions, which can be interpreted as environmental suitability. As these variables are not normally distributed (Supporting Information: Figure S2) we ran Spearman's correlation analysis. We then fit loess regression lines to visualize the relationship between the geographic (centrality and peripherality) and environmental gradients.

We checked the importance of the evaluated gradients on the demographic indicators with Integrated nested Laplace Approximations (INLA) models (Beguin et al. 2012; Rue et al. 2017). INLA is a deterministic approach for Bayesian inference in latent Gaussian models, which gives highly accurate deterministic approximations for posterior distributions by relying on analytical approximations and efficient numerical integration schemes (Martino and Riebler 2020; Rue et al. 2017). INLA allows us to avoid the biases of spatial autocorrelation inherit in spatial analyses of ecological data by using a Gaussian distribution with zero mean and a precision matrix that models correlation between neighbors, which controls for spatial autocorrelation (Bivand, Gómez-Rubio, and Rue 2015). We created a stochastic partial differential equation (SPDE) on a discrete mesh of points, getting a continuous solution on the study area, which allows for predicting the spatial processes from the data and assess the effect of covariates (Lindgren, Rue, and Lindström 2011; Moraga et al. 2021). We implemented these

analyses in R-INLA (Rue, Martino, and Chopin 2009; "R-INLA Project"). Our predictor variables were geographic centrality, geographic peripherality and environmental suitability.

Results

We obtained body mass, snout-vent length and body condition data from 59 individuals, fluctuating asymmetry from 496 individuals, Cytochrome b sequences from 89 individuals and Anchored Hybrid Enriched loci from 25 individuals.

The Species Distribution Model had high performance (Supporting Information: Figure S3). The areas of higher suitability for *Tropidurus itambere* are concentrated in central and south portions of Cerrado (Figure 2). Precipitation of the warmest quarter (bio18) was the variable with highest importance, temperature annual range (bio7) was the variable with lowest importance and the remaining variables had similar values of variable importance among themselves (Supporting Information: FigS3d). Rho's correlation statistics showed low correlation between the geographic gradients and environmental suitability (centrality, rho = -0.093, $p = 0.037$; peripherality, rho = 0.009, $p = 0.012$). A loess regression between the geographic gradients and suitability showed the most properly fit regression line is not linear (Supporting Information: Figure S4). There is higher standard error in both ends of centrality and peripherality gradients, with higher values of suitability in the middle of both gradients (Supporting Information: FigS4). There are high levels of environmental suitability close to the center of *T. itambere*'s geographic distribution, but we do not see a clear decrease in environmental suitability towards its periphery (Figure 2).

Supporting Information: Figure S5 shows Palmer & Strobeck's (1986) Index 1 of fluctuating asymmetry (FA) for the twelve scales measured. The gradients of geographic

277 centrality and peripherality and environmental suitability did not significantly explain the
278 variation for most variables (Figure 3). Fluctuating asymmetry from Supra-orbitals (1st row) and
279 genetic differentiation from Cytochrome b had a statistically significant predictor: centrality
280 (Table 1). Hyperparameters from the full models can be seen in Supporting Information: Table
281 S1, and hyperparameters from the best models can be seen in Supporting Information: Table S2.
282 Figure 4 shows the raw values of supra-orbital's fluctuating asymmetry and Cytochrome b
283 differentiation on the studied gradients and the predicted variation, showing that the patterns
284 match the expectation from the CPH: higher FA and genetic differentiation towards the
285 periphery of distribution. The variation for each response variable on the study area — and
286 consequently the complete sampling points for each response variable — is seen in Supporting
287 Information: Figure S6. The values predicted by the Integrated Nested Laplace Approximation
288 models for each response variable for the full and best models are shown Supporting
289 Information: Figures S7 and S8, respectively.

290 **Discussion**

291 Areas with higher suitability for *Tropidurus itambere* are in central and south portions of
292 Cerrado. This study adds to the literature of the Center-Periphery Hypothesis (CPH) in South
293 America, contributing to decrease this knowledge gap. There is high variation in the indicators of
294 demographic performance on the gradients of geographic centrality, geographic peripherality and
295 environmental suitability, but variation in most the traits was not significantly explained by these
296 gradients. The FA index for one scale series (1st row of supra-orbitals) and the genetic
297 differentiation in Cytochrome b (Nei's Fst) were significantly influenced by centrality, with both
298 increasing as centrality decreased (higher distance to center), confirming the pattern expected by
299 the CPH. We showed that geographic centrality is a relevant driver of variation for some traits

300 and that overall *Tropidurus itambere*'s demographic performance is likely influenced by more
301 factors than just geographic gradient and the associated ecological conditions.

302 The Center-Periphery Hypothesis (CPH) is a widely researched theory that still warrants
303 further evaluations, as there are no clear patterns emerging from these assessments (Dallas et al.
304 2020; Pironon et al. 2016). The CPH expectations are conceptually simple and intuitive, and the
305 implications of the abundant-center pattern are useful for estimating areas of conservation
306 priority based on occurrence data (Boakes et al. 2018; Dallas et al. 2020; De Oliveira et al. 2009;
307 Manthey et al. 2015). Trying to understand if particular traits or phylogenetic groups are more
308 likely to support or contradict the CPH expectations is also important, pointing to the
309 relationship between species-traits and the drivers of variation in demographic performance
310 (Dallas et al. 2020). The patterns of species occurrence are more often the consequence of the
311 interaction of geographic and ecological gradients that do not necessarily follow solely the
312 geographic variation (Pironon et al. 2016). The geographic gradients evaluated here (centrality
313 and peripherality) did not show the expected correlation with environmental suitability. This
314 reinforces that the center of geographic and environmental spaces, and consequently their
315 gradient of variation, are not always concordant (Chevalier, Broennimann, and Guisan 2021;
316 Colwell and Rangel 2009; Soberón and Nakamura 2009), pointing to more complex relationships
317 between these gradients. Still, it is interesting to note that the variation of suitability in both
318 gradients of geographic centrality and peripherality is similar, which might be an artifact of the
319 almost circular occurrence area predicted for *Tropidurus itambere*.

320 Geographic centrality was the only gradient statistically significant in explaining
321 variation in some indicators of demographic performance. Literature on the CPH shows that
322 most evaluations do not reach statistical significance (Pironon et al. 2016; Dallas et al. 2020;

Santini et al. 2019) so the relevance of centrality in this study reflects a relevant pattern from our study system. The populations closest to the geographic center had lower genetic differentiation, which increased as the distance to the center increased. Our Integrated Nested Laplace Appoximation (INLA) models predicted both fluctuating asymmetry and genetic differentiation to be lower closer to the geographic center, increasing as the distance to center increased, confirming the expectation from the CPH. These results suggest that geographic centrality is a relevant driver of variation in *Tropidurus itambere*'s demographic performance, such that the geographic gradient might be a proxy for other underlying gradients. The Cerrado has a heterogeneous landscape, which resulted from complex topography and dynamic geological history (Furley 1999; Sano et al. 2019) so many spatial factors could affect the demographic performance of Cerrado species. Domingos and collaborators (2017) evaluated the possible cryptic diversity of *Tropidurus itambere* and found that the cryptic lineages identified were geographically separated. They also found the importance of isolation by distance in defining their cryptic diversity. Together, these results reinforce the importance of geographic gradients on variation in *T. itambere*'s genetic traits.

The failure to detect significant drivers for the remaining indicators of demographic performance might be related to the importance of factors other than niche limits, such as stochasticity, biotic interactions and anthropogenic factors (Dallas et al. 2020). Anthropogenic influences such as disturbance, exploitation and land use have been highly reported to affect patterns of abundance (Sykes et al. 2020; Ana Benítez-López, Alkemade, and Verweij 2010; A. Benítez-López et al. 2017). Anthropogenic factors have also been identified as important for explaining abundance variation under a CPH framework: Martínez-Gutiérrez et al. (2018) found that the median abundance of a widely distributed South American mammal (*Pecari tajacu*) was

346 best explained by the gradient of environmental suitability associated with a measure of human
347 influence. The Cerrado is under high anthropogenic pressure, particularly due to expansion of
348 agriculture and livestock, with around 40-55% of the Cerrado already converted to
349 agroecosystems (Machado et al. 2004; Sano et al. 2010; Mantovani and Pereira 1998; Colli,
350 Vieira, and Dianese 2020). This reinforces the idea of anthropogenic factors also influencing the
351 variation of demographic performance and blurring the patterns expected by variation in the
352 gradients of geographic centrality, geographic peripherality and environmental suitability.

353 Biotic effects can also be important. *Tropidurus itambere*'s distribution overlaps with
354 several widely distributed congeners. The center of *T. itambere*'s distribution coincides with
355 central Cerrado, an area of Tropiduridae co-occurrence (Rodrigues 1987; Colli et al. 1992; Colli,
356 Bastos, and Araujo 2002; Vitt 1991). In this area, *T. itambere* co-occurs with *Tropidurus*
357 *etheridgei, Tropidurus hispidus*, *Tropidurus oreadicus* and *Tropidurus torquatus* (de Carvalho,
358 de Britto, and Fernandes 2013), suggesting the species might be under competition pressures due
359 to *Tropidurus*' known territoriality. Differences in morphology, foraging mode and spatial use
360 allow this coexistence (Vitt et al. 2000; Pianka 1973). An evaluation of niche exploration of
361 sympatric *T. itambere* and *T. oreadicus*, showed a slight difference in microhabitat use, with *T.*
362 *itambere* using lower perches and *T. oreadicus* having higher vertical microhabitat range (Faria
363 and Araujo 2004). *T. itambere* is somewhat more restricted in microhabitat use than its
364 congeneric and the fact the other *Tropidurus* are slightly larger than *T. itambere* (Rodrigues
365 1987) suggest possible effects of biotic interactions on *T. itambere*'s demographic performance.
366 Our results point to future lines of pursuit for evaluations of demographic performance of
367 Cerrado species. The heterogeneous landscape which resulted from Cerrado's dynamic

368 geological history, its species rich communities and high anthropogenic pressure reinforce the
369 need for multifaceted evaluations for the geographic variation in species' traits.

370 **Conclusion**

371 Centrality is a relevant driver of demographic performance in *Tropidurus itambere*, significantly
372 affecting fluctuating asymmetry of Supra-orbitals (1st row) and the genetic differentiation of
373 Cytochrome b. The predicted patterns followed the expectations from the Center-periphery
374 Hypothesis (CPH), with both indicators increasing on the centrality gradient, which points to less
375 suitable habitats as distance to center increases. The literature on CPH recognizes that other
376 factors (e.g. stochasticity, biotic interactions and anthropogenic impacts) could influence the
377 variation in demographic performance, still our framework was able to identify relevant patterns.
378 We implemented Integrated Nested Laplace Approximation models to control for spatial
379 autocorrelation, increasing the reliability of our results. Our study increases the geographic scope
380 of the CPH literature, providing information from a Cerrado species, a biome that is under
381 substantial exploration pressures. We reaffirm the importance of evaluations under the CPH
382 framework showing that the gradient of geographic centrality is a good proxy for environmental
383 suitability and its effects on species demographic performance.

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725 Table 1. Hyperparameters from the full model for Fluctuating asymmetry from Supra-orbitals
726 (1st row) and genetic differentiation from Cytochrome b (CytB Fst**)**. Values in bold refer to
727 statistically significant predictors.

	Mean	SD	0.025 quantile	0.5 quantile	0.975 quantile	Mode
Supra-orbital (1st row)						
Intercept	0.021	0.191	-0.358	0.021	0.399	0.021
Suitability	0.360	0.263	-0.162	0.361	0.881	0.360
Centrality	**0.656**	**0.293**	**0.073**	**0.656**	**1.235**	**0.656**
Peripherality	0.202	0.241	-0.276	0.202	0.681	0.202
CytB Fst						
Intercept	0.005	0.266	-0.515	0.001	0.548	0.002
Suitability	0.560	0.353	-0.136	0.558	1.267	0.558
Centrality	**0.970**	**0.368**	**0.233**	**0.972**	**1.695**	**0.972**
Peripherality	0.202	0.303	-0.403	0.202	0.800	0.202

728

729

730 **Figures legends**

731 **Figure 1:** *Tropidurus itambere* occurrence. Circles refer to the unique 137 expert evaluated
732 records for our initial dataset, and the Xs refer to the 70 geographically filtered records (50 km)
733 used to train the Species Distribution Model. Grey line refers to the kernel density contour used
734 to train the model. The Cerrado biome is represented in light brown.

735 **Figure 2:** Projection maps for *Tropidurus itambere*. The blue gradient refers to the suitability
736 gradient with lower and higher suitability, respectively, from lighter to darker blue. The black
737 line delimits the binary suitability area (TSS threshold) inside the Kernel Density Estimation area
738 (dark blue line) used to train the Species Distribution Model. The black line of binary suitability
739 represents the line of geographic peripherality, and the X represents the geographic center of
740 distribution. Light brown line delimits the Cerrado biome and grey circles refer to the occurrence
741 points used to train the Species Distribution Model.

742 **Figure 3:** Forest plot with mean and credibility interval (standard deviation) of hyperparameters
743 calculated with Integrated Nested Laplace Approximation models with all the predictor
744 variables. Blue diamond and line refer to environmental suitability, black square and line refer to
745 geographic peripherality and red circle and line refer to geographic centrality.

746 **Figure 4:** Variation of the demographic indicators on the evaluated gradients and the variation
747 predicted by the Integrated Nested Laplace Approximation (INLA) models. The blue gradient in
748 a) and b) refers to the suitability gradient with lower and higher suitability, respectively, from
749 lighter to darker blue. The circles refer to the variation on Fluctuating Asymmetry on Supra-
750 orbital (1st row) and genetic differentiation (Nei's Fst) on Cytochrome b in a) and b),
751 respectively. The red gradient in c) and d) refers to the values predicted by the INLA models

with lower and higher values, respectively, from lighter to darker red. X represents the geographic center of distribution.

Supporting Information Figure S1: Box plots with metrics of model performance from a) single and b) ensemble models trained with different cross-validation approaches. Block CV in light purple, *k*-fold in dark purple.

Supporting Information Figure S2: Histograms from the distribution of 500 random points sampled inside the occurrence area of *Tropidurus itambere*. Geographic a) centrality and b) peripherality, c) environmental suitability.

Supporting Information Figure S3: Metrics of model performance and variable importance from single and ensemble models. a) and b) refer to model performance metrics from single and ensemble models, respectively. c) and d) refer to variable importance from single and ensemble models, respectively.

Supporting Information Figure S4: Loess regression plots of geographic a) centrality and b) peripherality versus environmental suitability. The plotted values refer to 500 random points sampled inside the occurrence area of *Tropidurus itambere*.

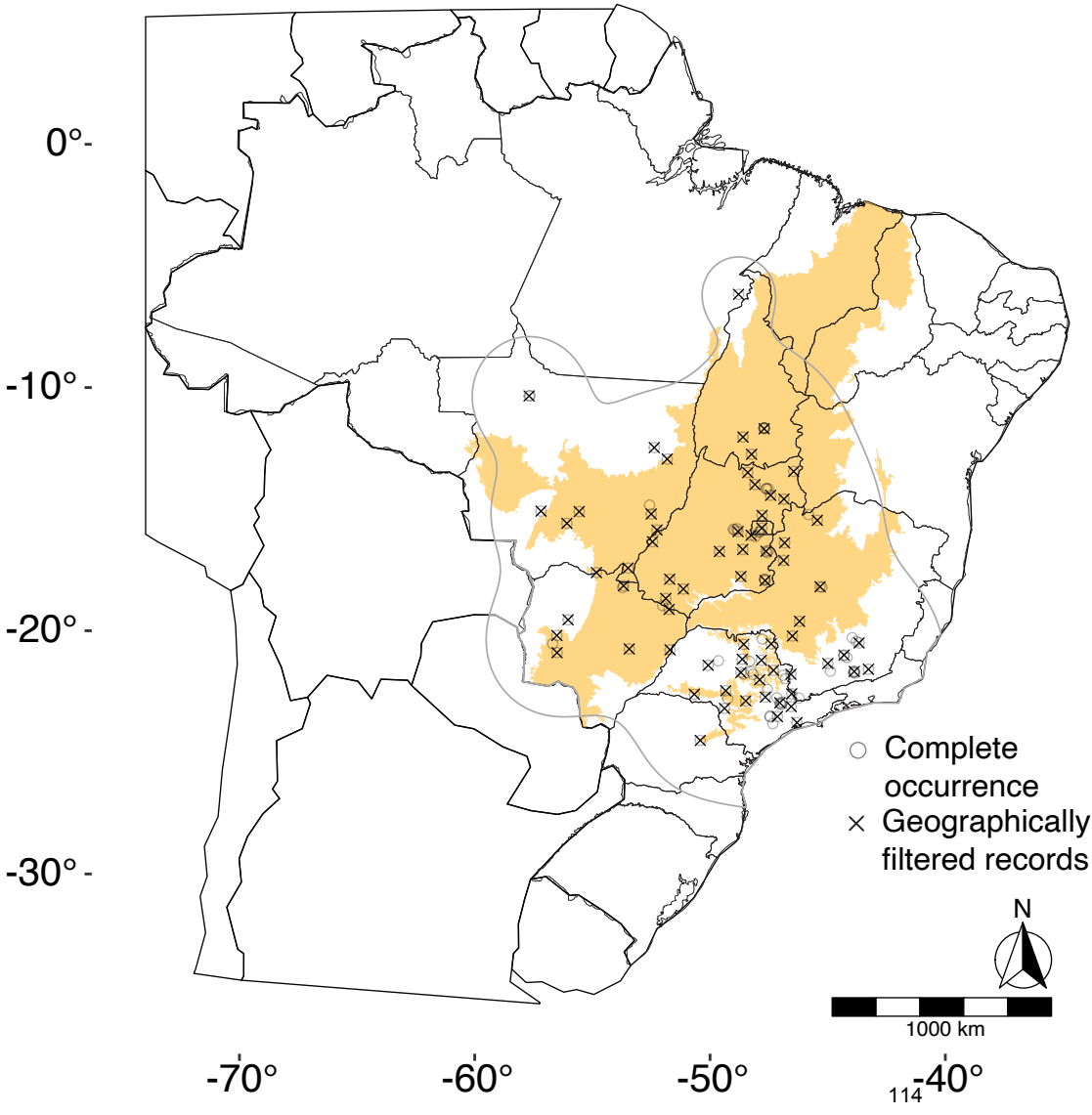
Supporting Information Figure S5: Fluctuating asymmetry Index 1 from the twelve *Tropidurus itambere* scales measured.

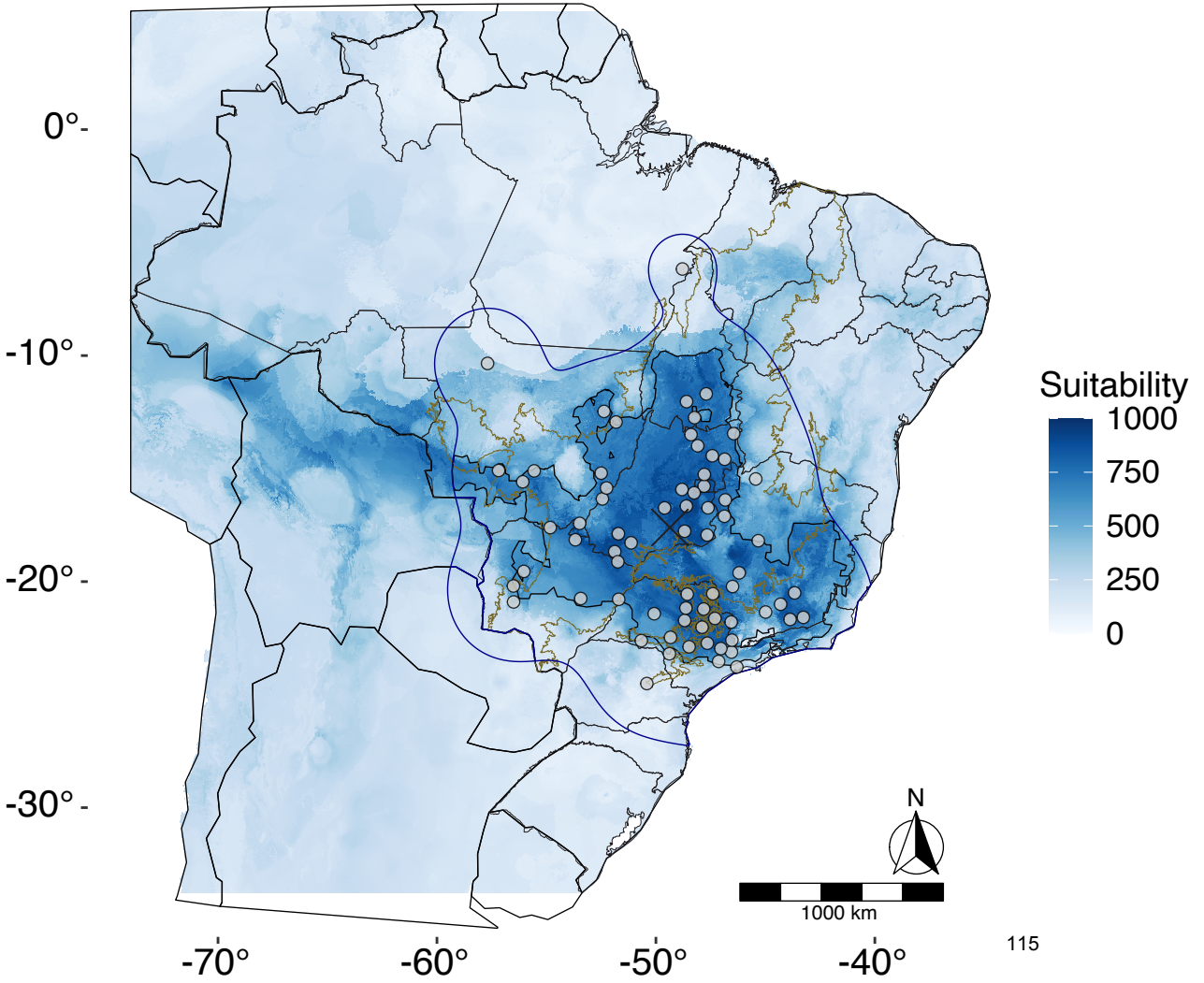
Supporting Information Figure S6: Variation of the indicators of demographic performance on the evaluated gradients. The blue gradient refers to the suitability gradient with lower and higher suitability, respectively, from lighter to darker blue. The red gradient in the circles refers to the variation on each indicator of demographic performance with lower and higher values,

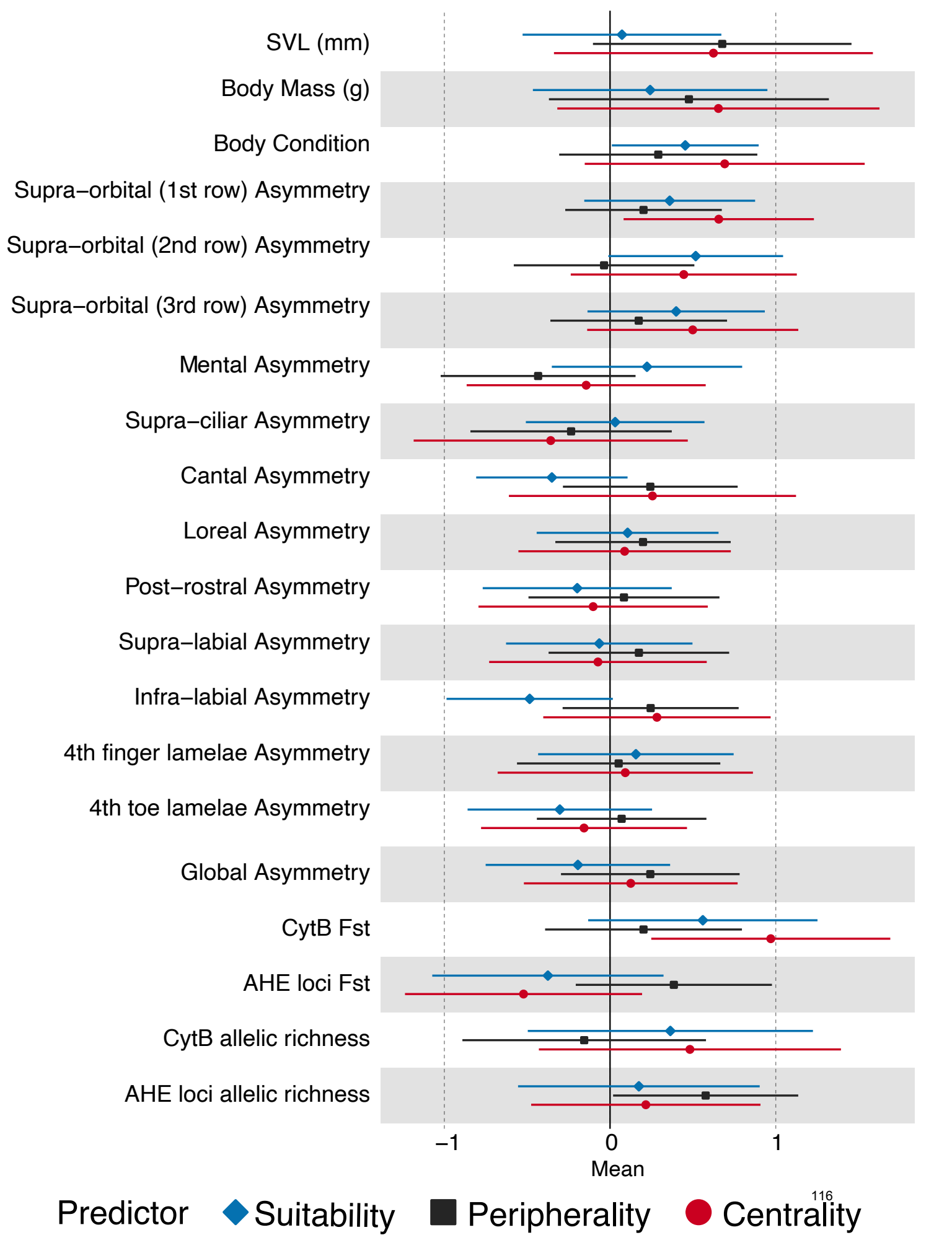
773 respectively, from lighter to darker red. X represents the geographic center of distribution. Each
774 map title identifies the corresponding indicator of demographic performance.

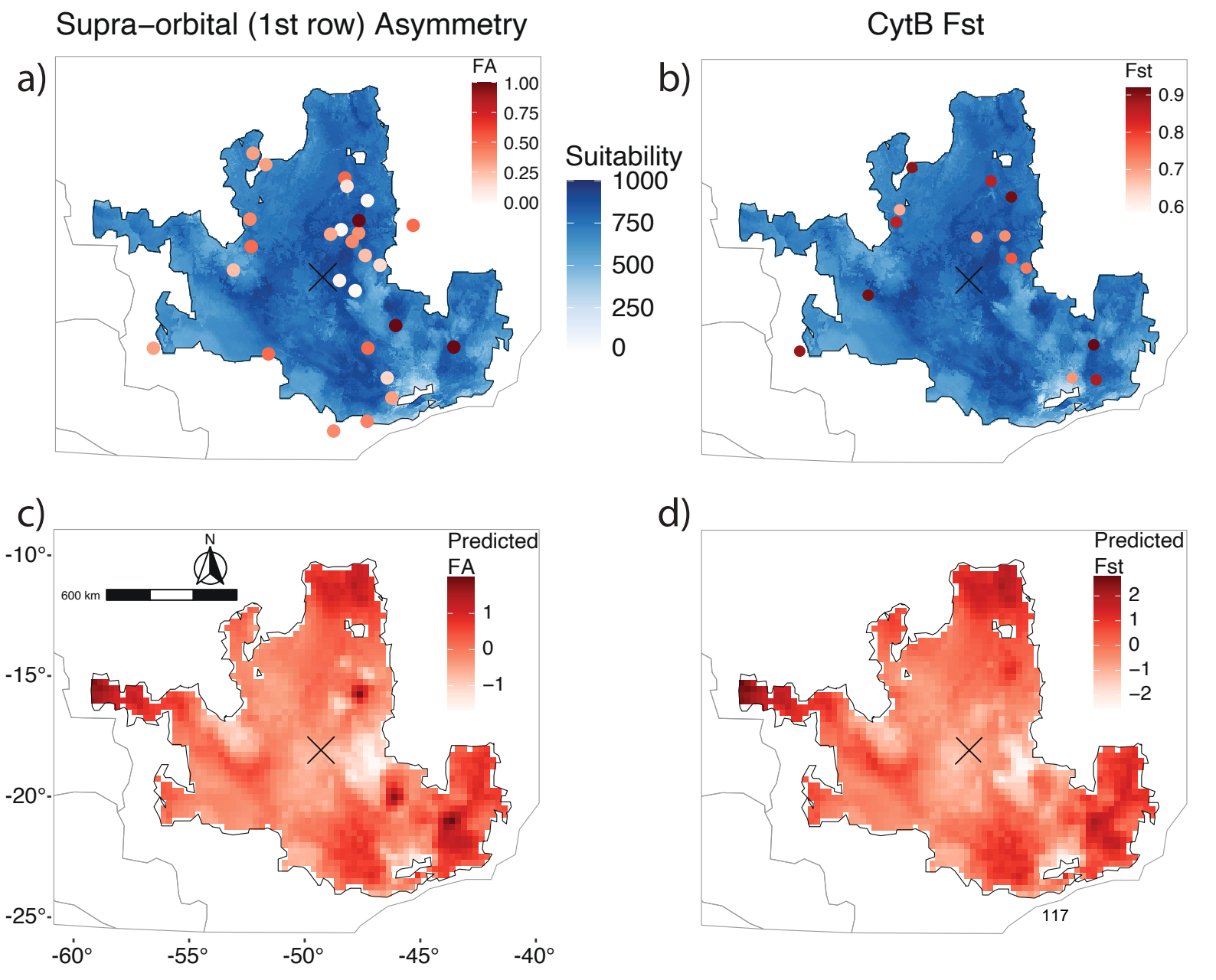
775 **Supporting Information Figure S7:** Variation predicted by the full (all predictors) Integrated
776 Nested Laplace Approximation (INLA) models for each indicator of demographic performance.
777 The red gradient refers to the values predicted by the INLA models with lower and higher
778 values, respectively, from lighter to darker red. X represents the geographic center of
779 distribution. Each map title identifies the corresponding indicator of demographic performance.

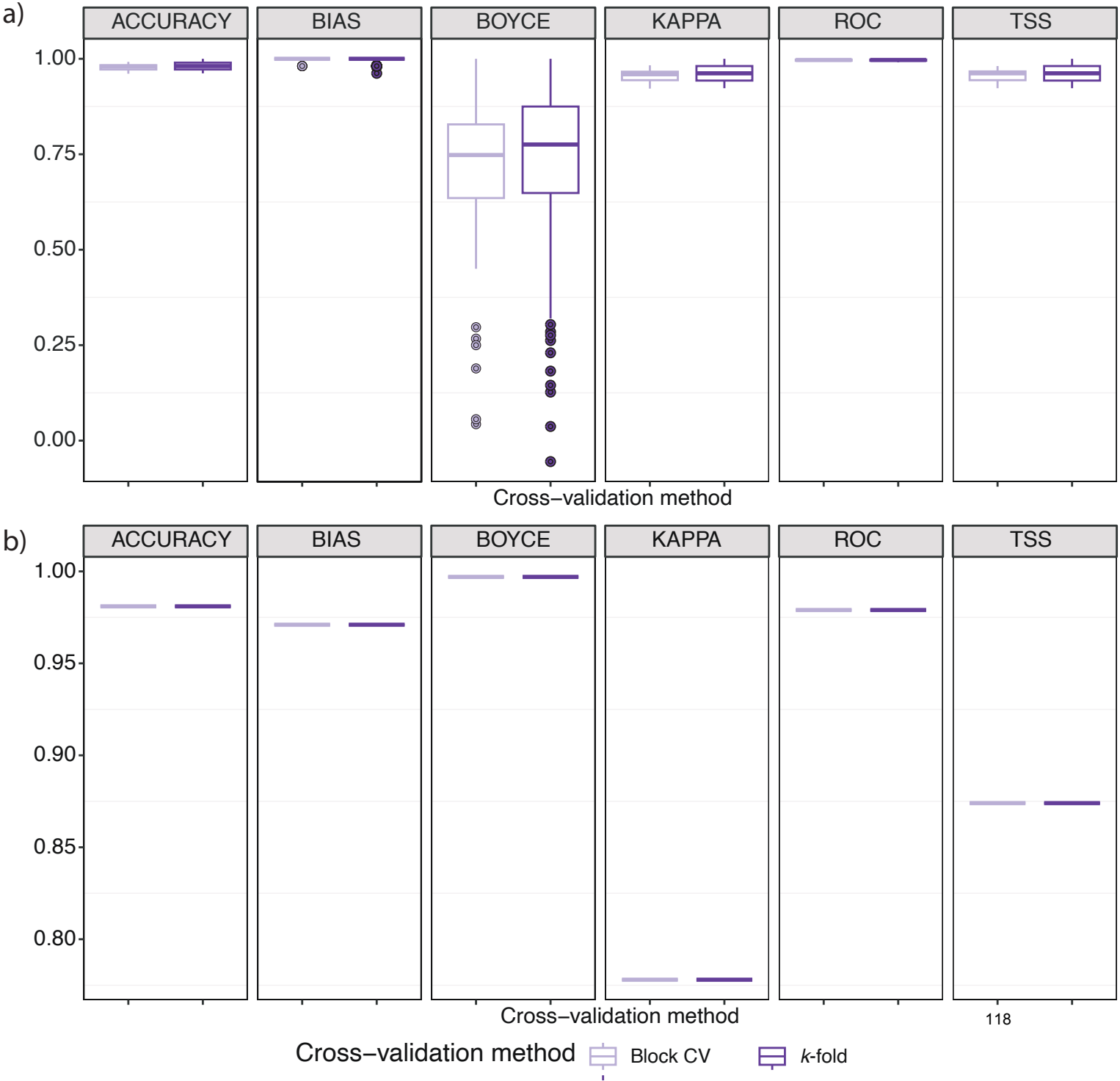
780 **Supporting Information Figure S8:** Variation predicted by the best Integrated Nested Laplace
781 Approximation (INLA) for each indicator of demographic performance. The red gradient refers
782 to the values predicted by the INLA models with lower and higher values, respectively, from
783 lighter to darker red. X represents the geographic center of distribution. Each map title identifies
784 the corresponding indicator of demographic performance.

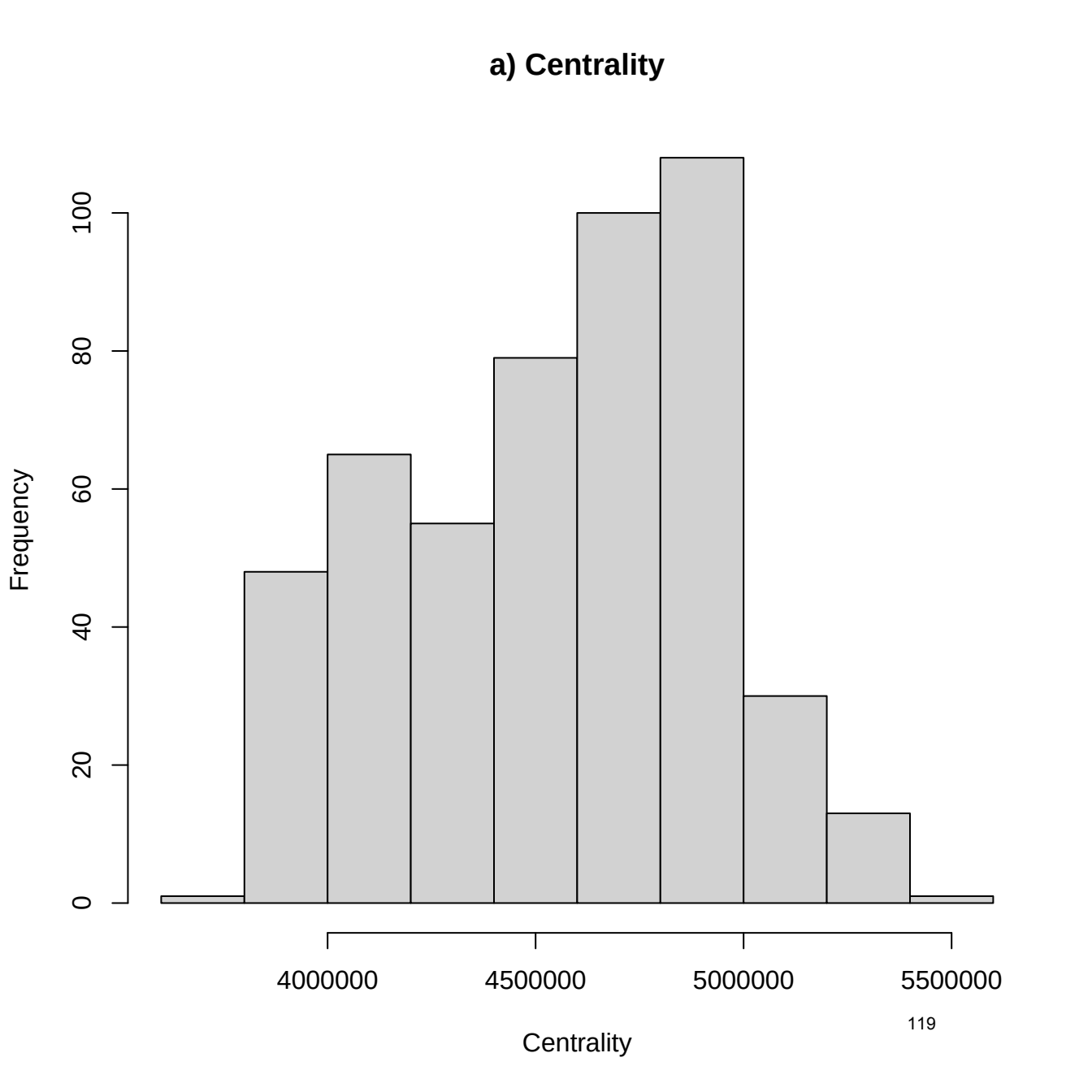

0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
Complete occurrence
Geographically filtered records
N
1000 km

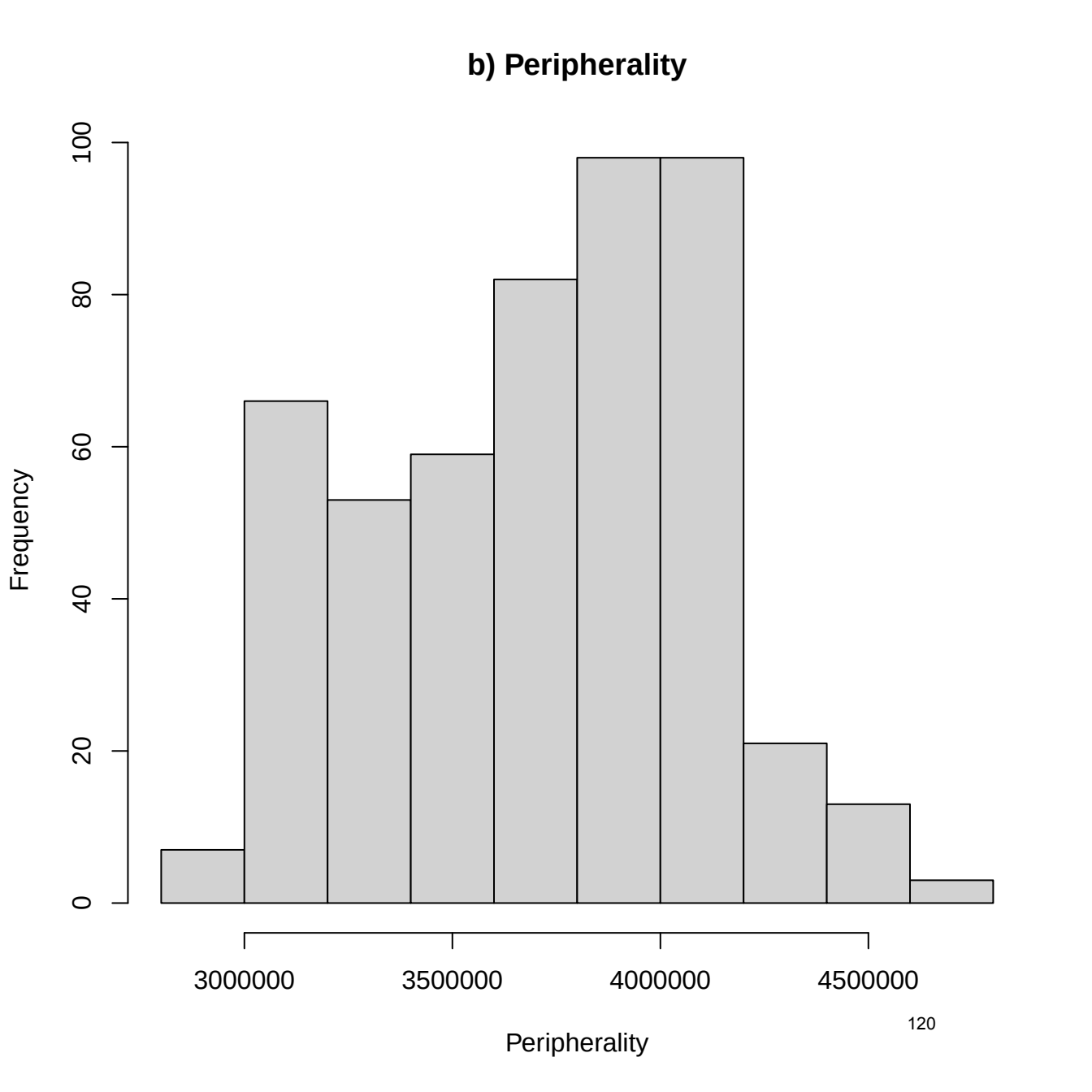

0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
Suitability
1000
750
500
250
0
N
1000 km

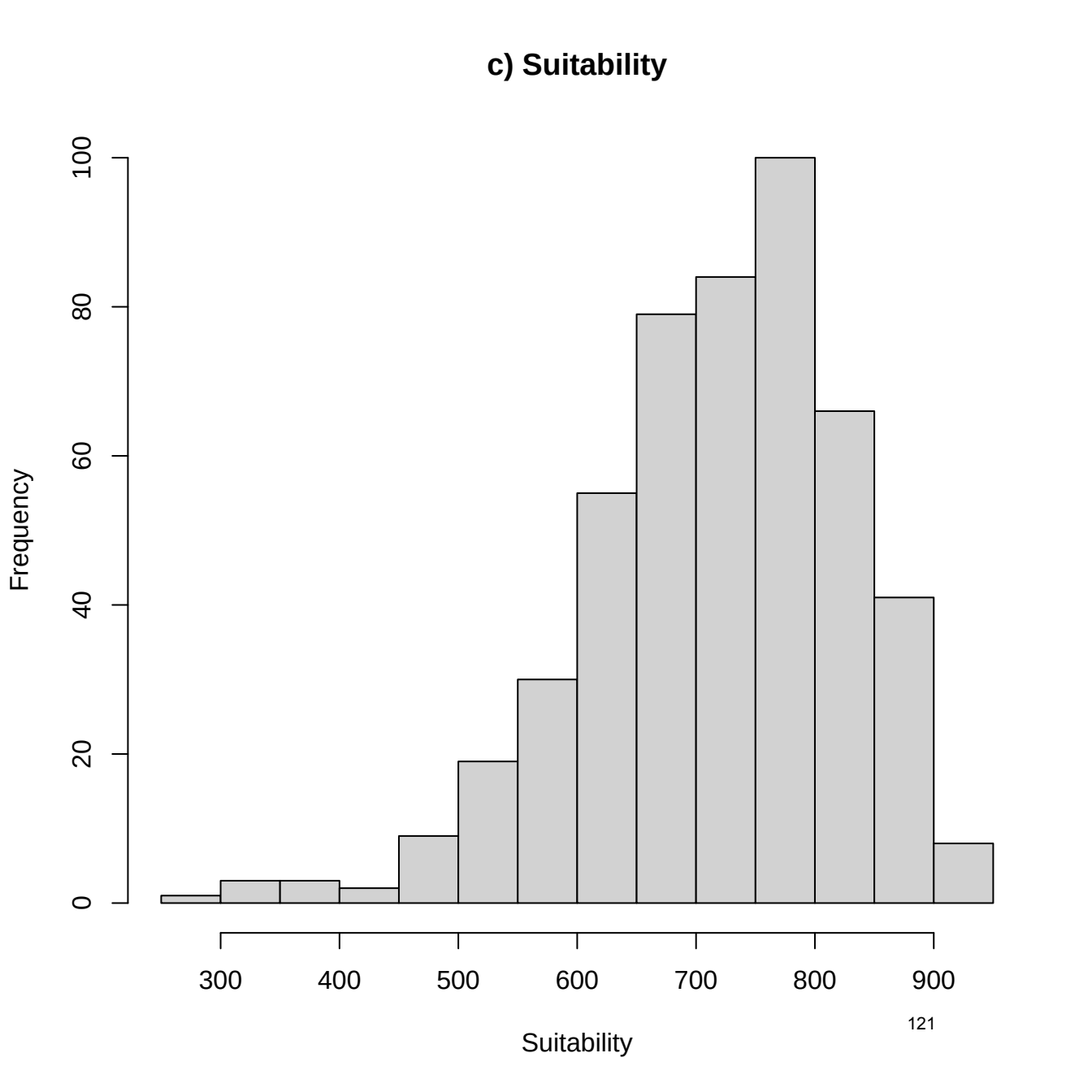

SVL (mm)
Body Mass (g)
Body Condition
Supra−orbital (1st row) Asymmetry
Supra−orbital (2nd row) Asymmetry
Supra−orbital (3rd row) Asymmetry
Mental Asymmetry
Supra−ciliar Asymmetry
Cantal Asymmetry
Loreal Asymmetry
Post−rostral Asymmetry
Supra−labial Asymmetry
Infra−labial Asymmetry
4th finger lamelae Asymmetry
4th toe lamelae Asymmetry
Global Asymmetry
CytB Fst
AHE loci Fst
CytB allelic richness
AHE loci allelic richness
−1
0
1
Mean
Predictor
Suitability
Peripherality
Centrality

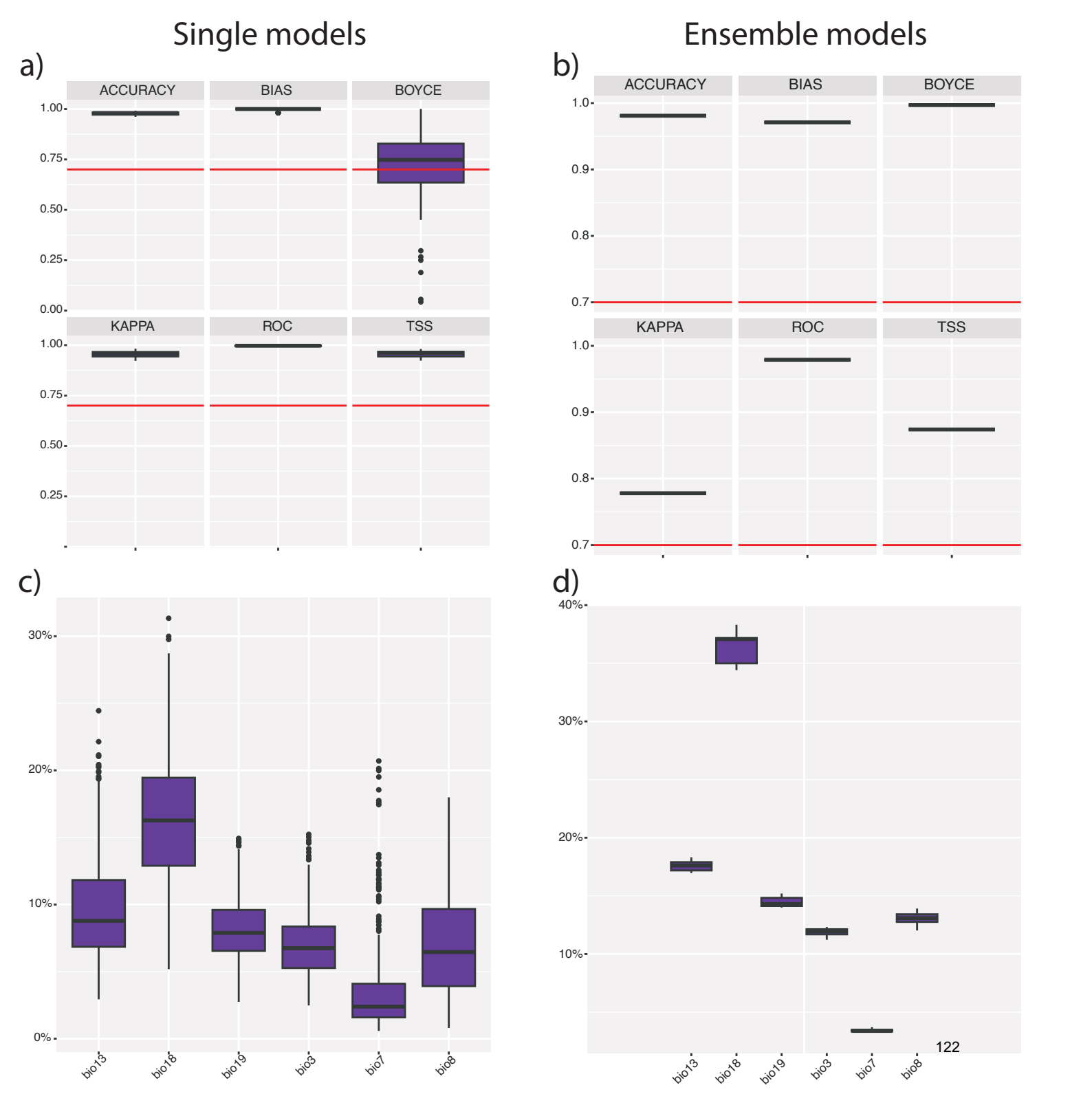

Supra–orbital (1st row) Asymmetry
CytB Fst
a)
b)
c)
d)
FA
1.00
0.75
0.50
0.25
0.00
Suitability
1000
750
500
250
0
Fst
0.9
0.8
0.7
0.6
N
600 km
Predicted
FA
1
0
−1
Predicted
Fst
2
1
0
−1
−2
-10°
-15°
-20°
-25°
-60°
-55°
-50°
-45°
-40°
117

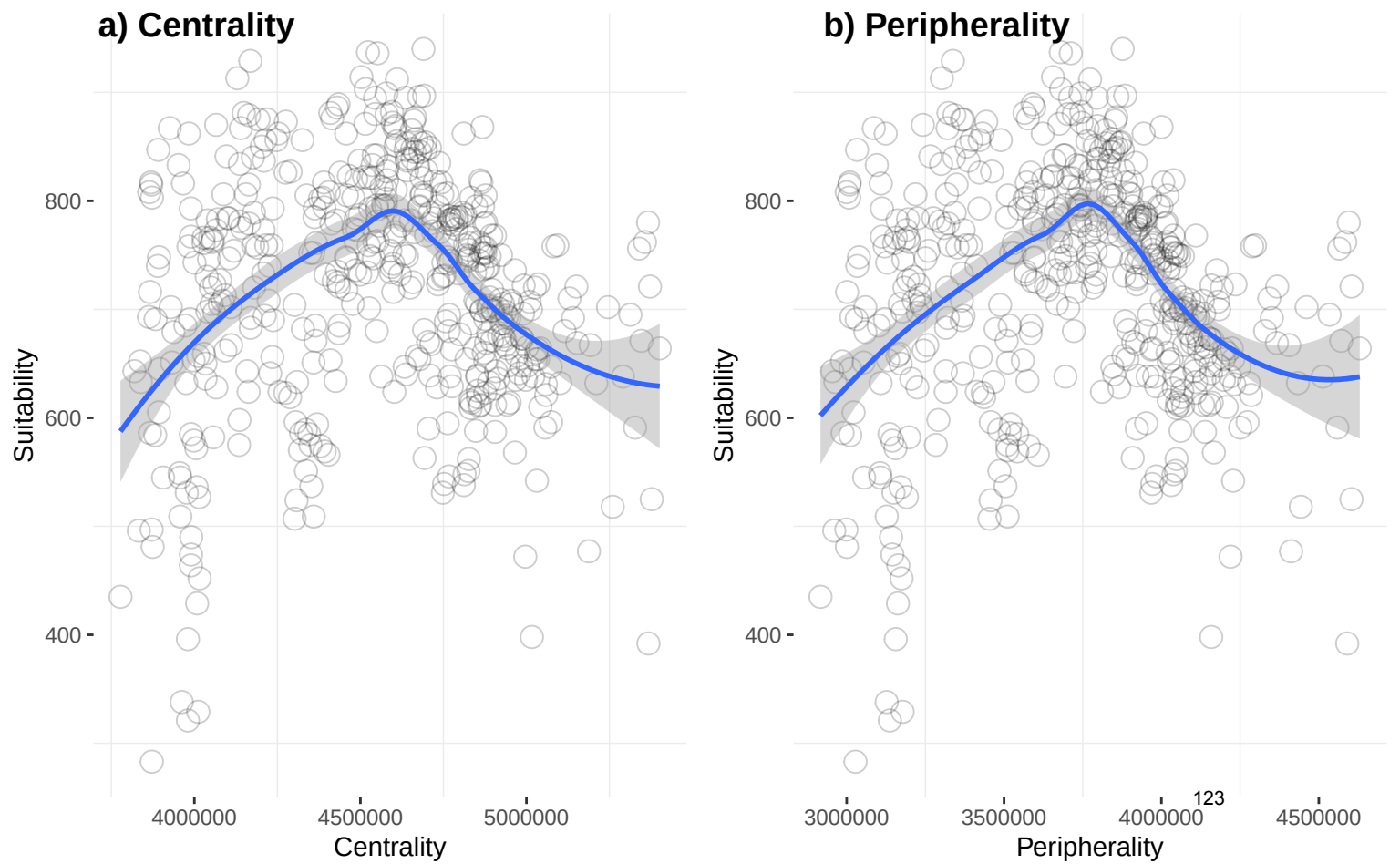

a)
ACCURACY
BIAS
BOYCE
KAPPA
ROC
TSS
1.00
0.75
0.50
0.25
0.00
Cross−validation method
b)
ACCURACY
BIAS
BOYCE
KAPPA
ROC
TSS
1.00
0.95
0.90
0.85
0.80
Cross−validation method
Cross−validation method
Block CV
k-fold

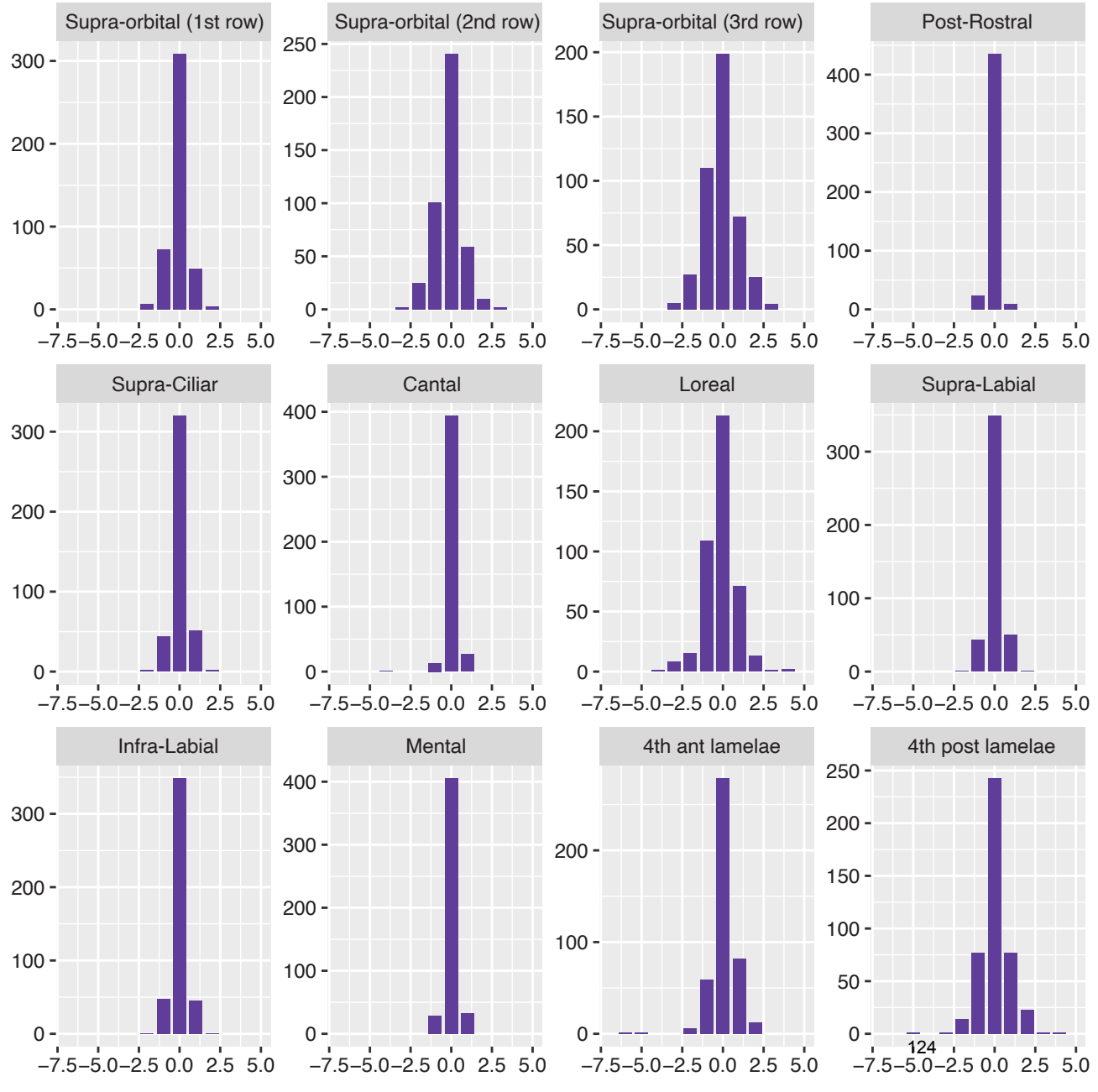

a) Centrality
Frequency
0
20
40
60
80
100
4000000
4500000
5000000
5500000
Centrality

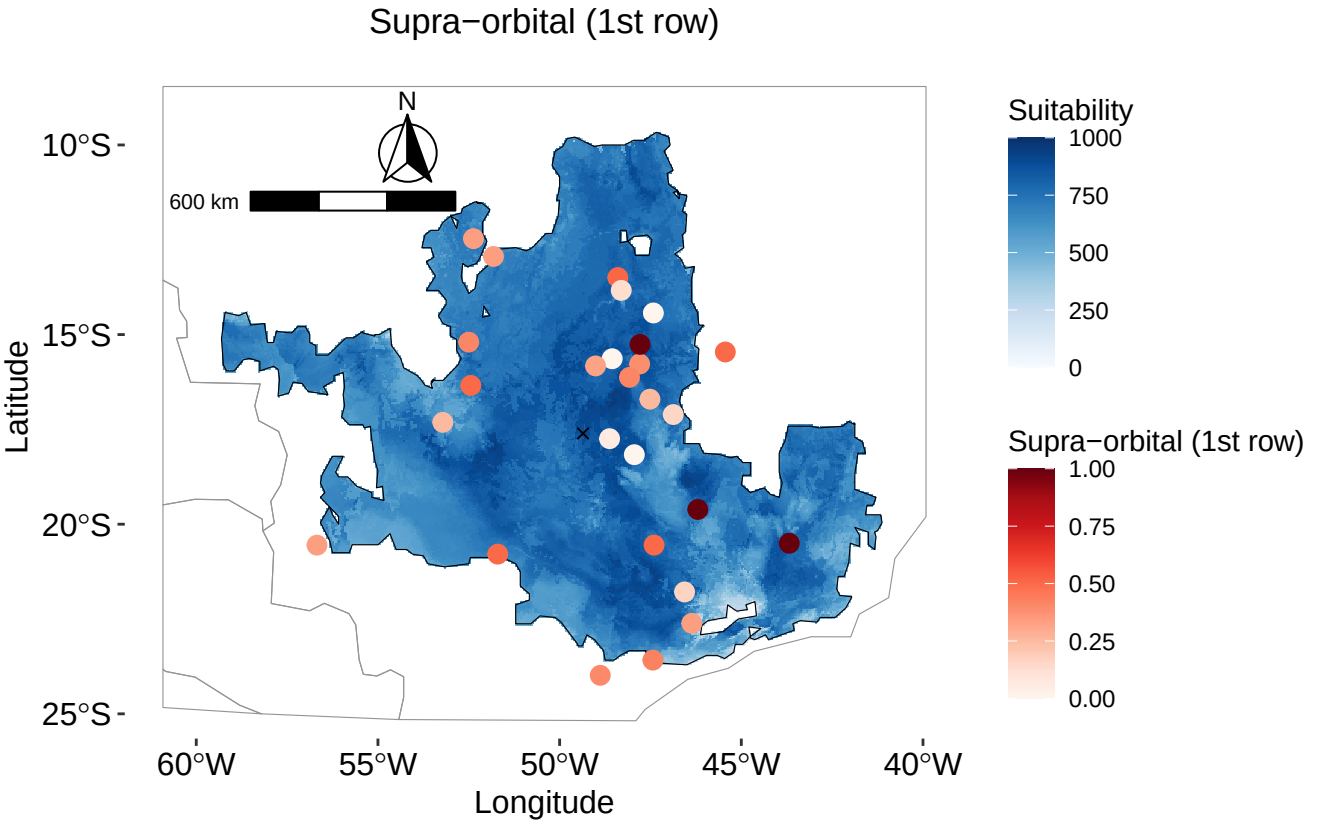

b) Peripherality
Frequency
0
20
40
60
80
100
3000000
3500000
4000000
4500000
Peripherality

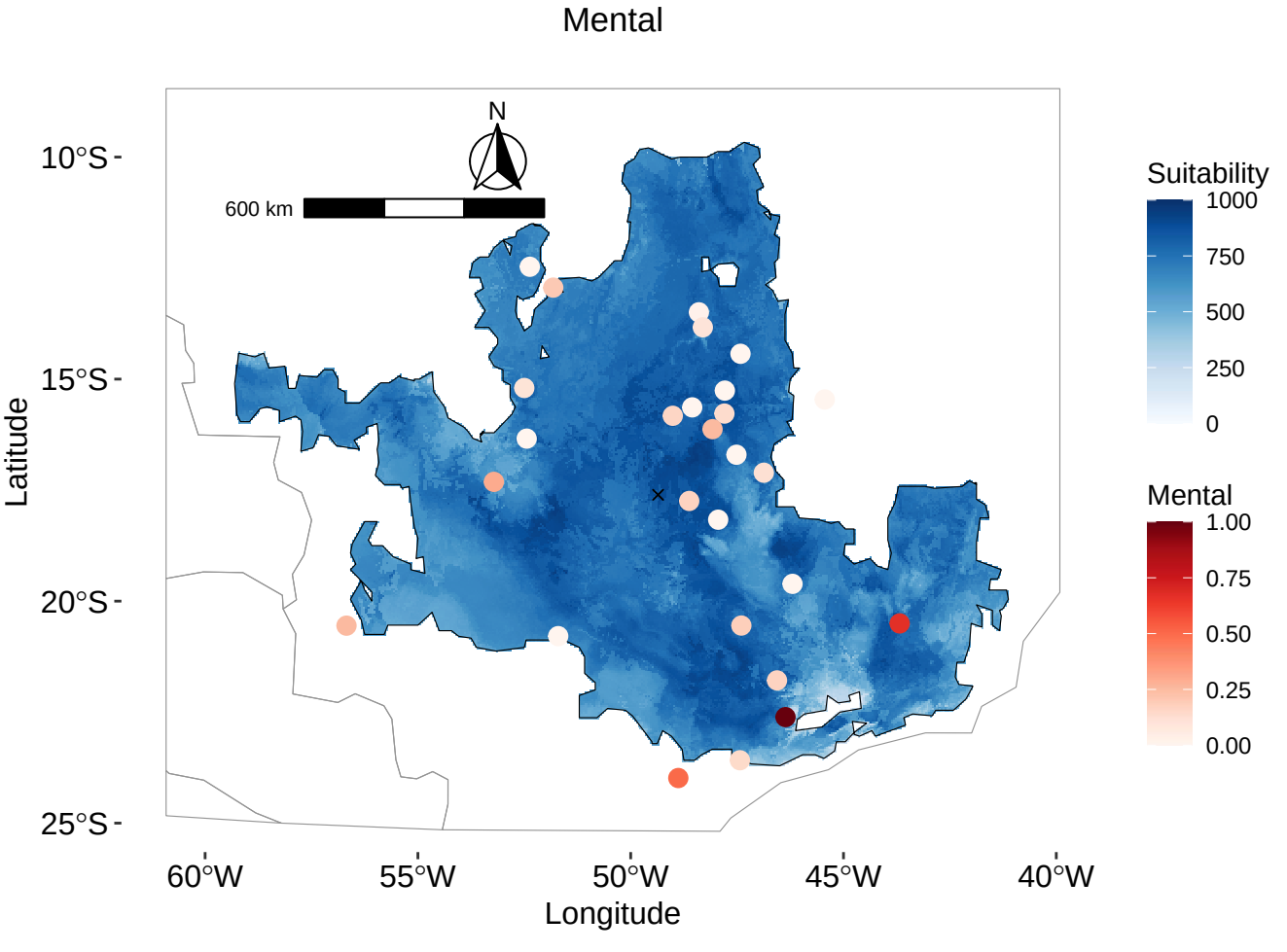

c) Suitability
Frequency
0
20
40
60
80
100
300
400
500
600
700
800
900
Suitability

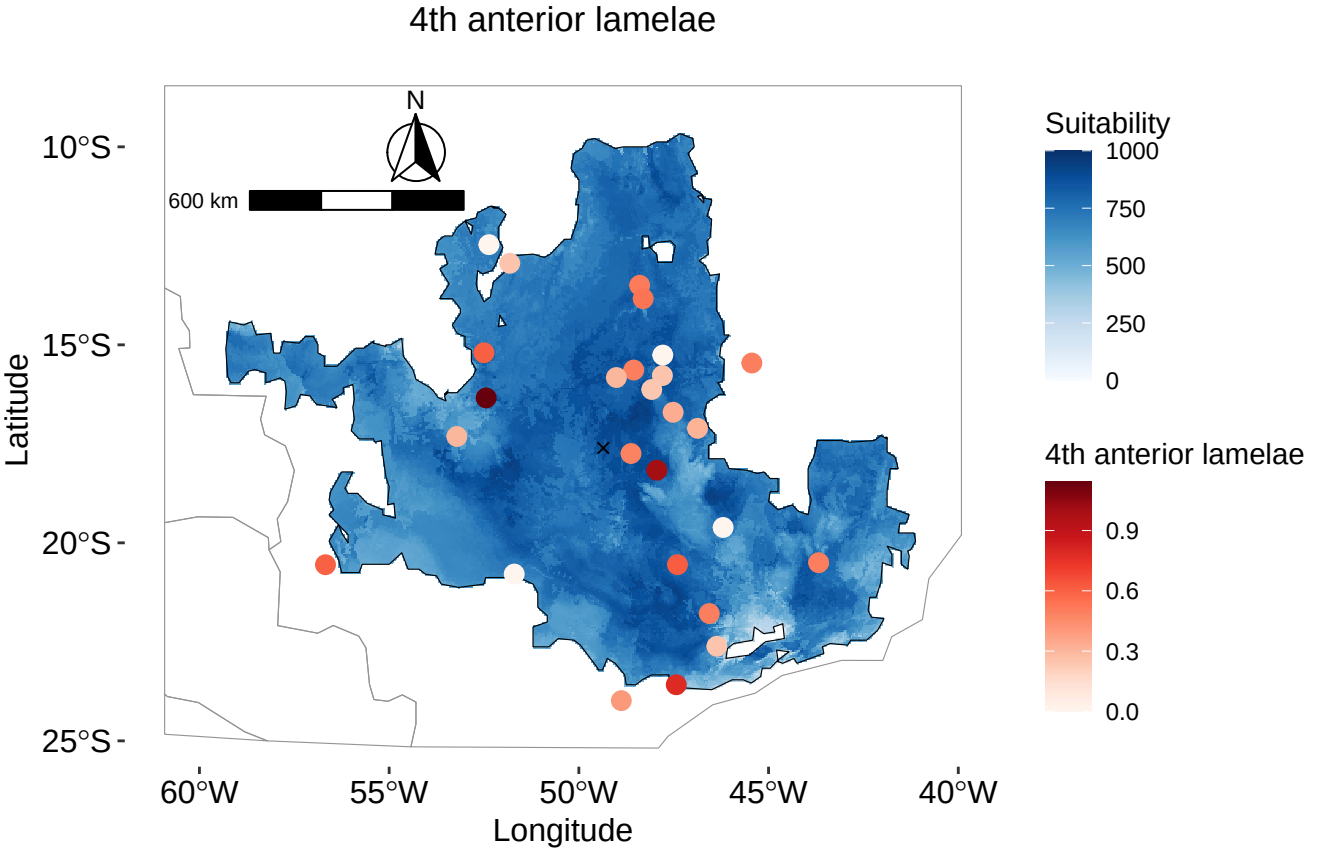

Single models
Ensemble models
a)
b)
ACCURACY
BIAS
BOYCE
KAPPA
ROC
TSS
1.00
0.75
0.50
0.25
0.00
1.0
0.9
0.8
0.7
c)
d)
30%
20%
10%
0%
40%
bio13
bio18
bio19
bio3
bio7
bio8
122

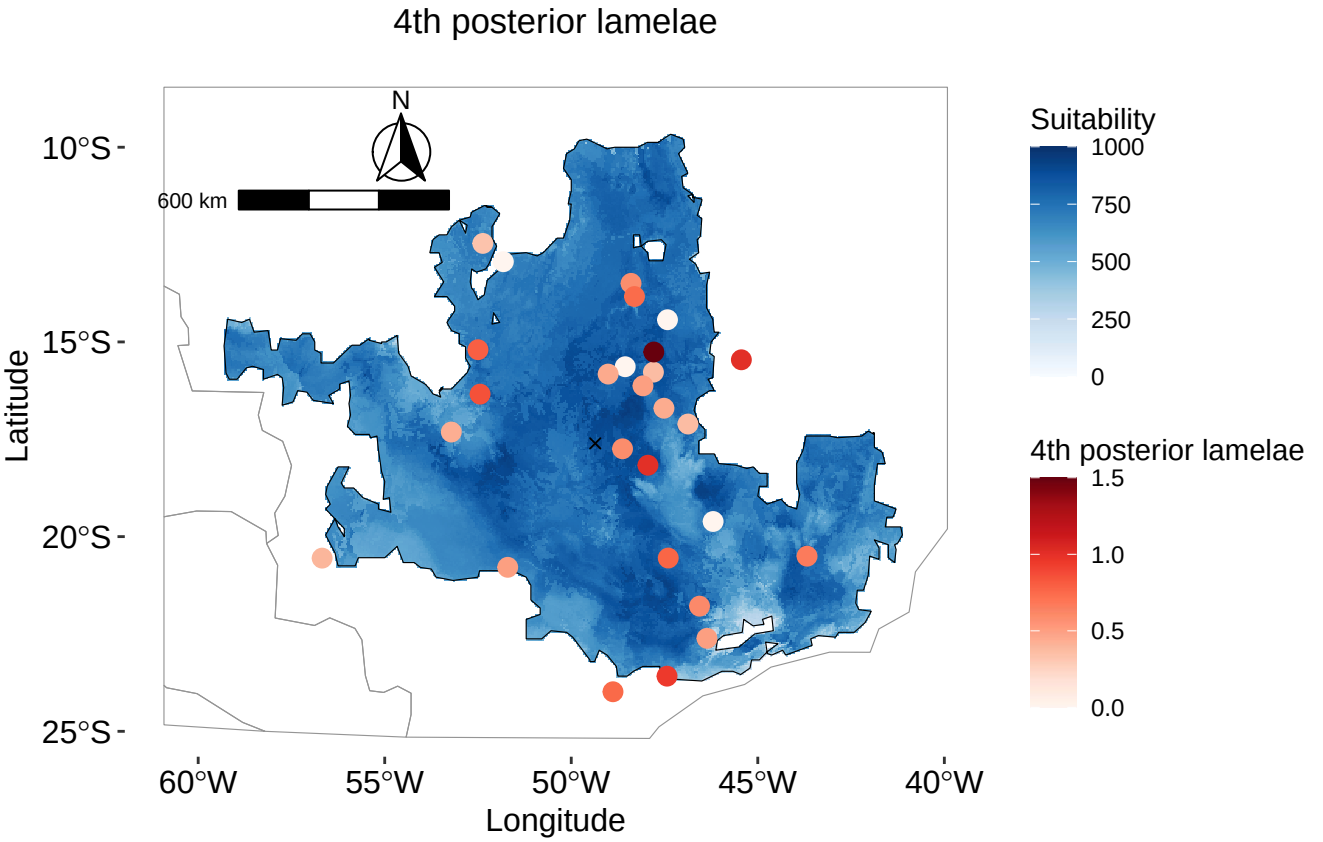

a) Centrality
b) Peripherality
Suitability
800
600
400
4000000
4500000
5000000
Centrality
3000000
3500000
4000000
4500000
Peripherality

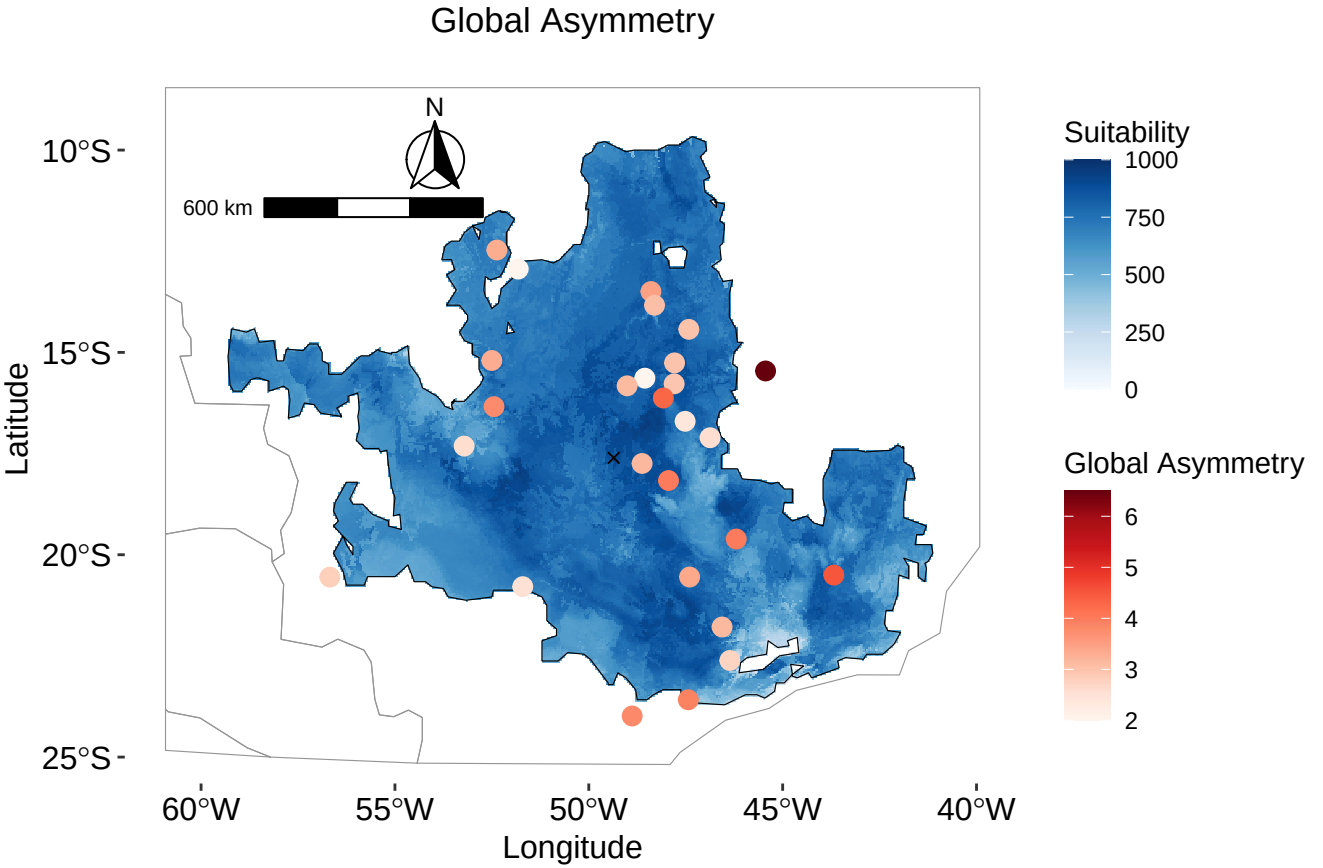

Supra-orbital (1st row)
Supra-orbital (2nd row)
Supra-orbital (3rd row)
Post-Rostral
Supra-Ciliar
Cantal
Loreal
Supra-Labial
Infra-Labial
Mental
4th ant lamelae
4th post lamelae
−7.5 −5.0 −2.5 0.0 2.5 5.0

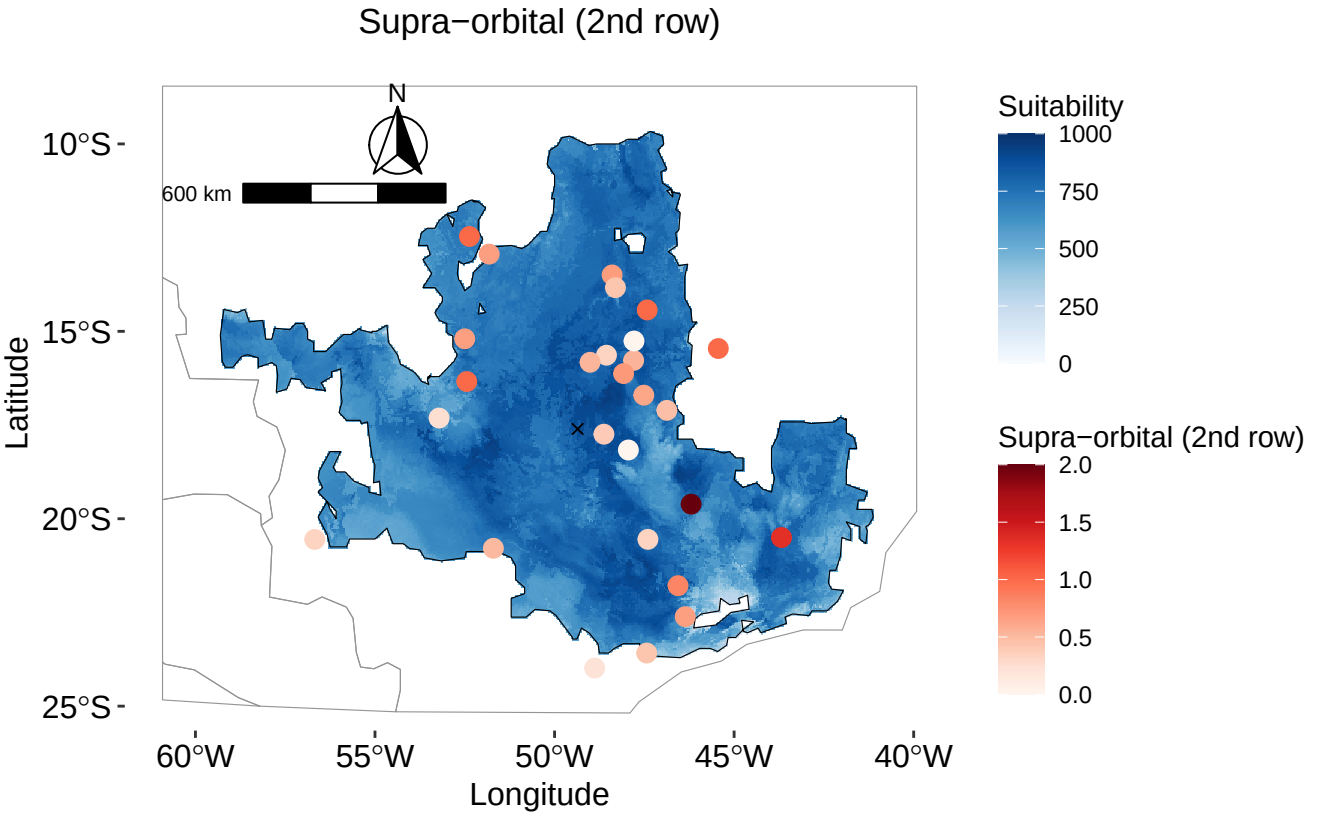

Supra−orbital (1st row)
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Supra−orbital (1st row)
1.00
0.75
0.50
0.25
0.00

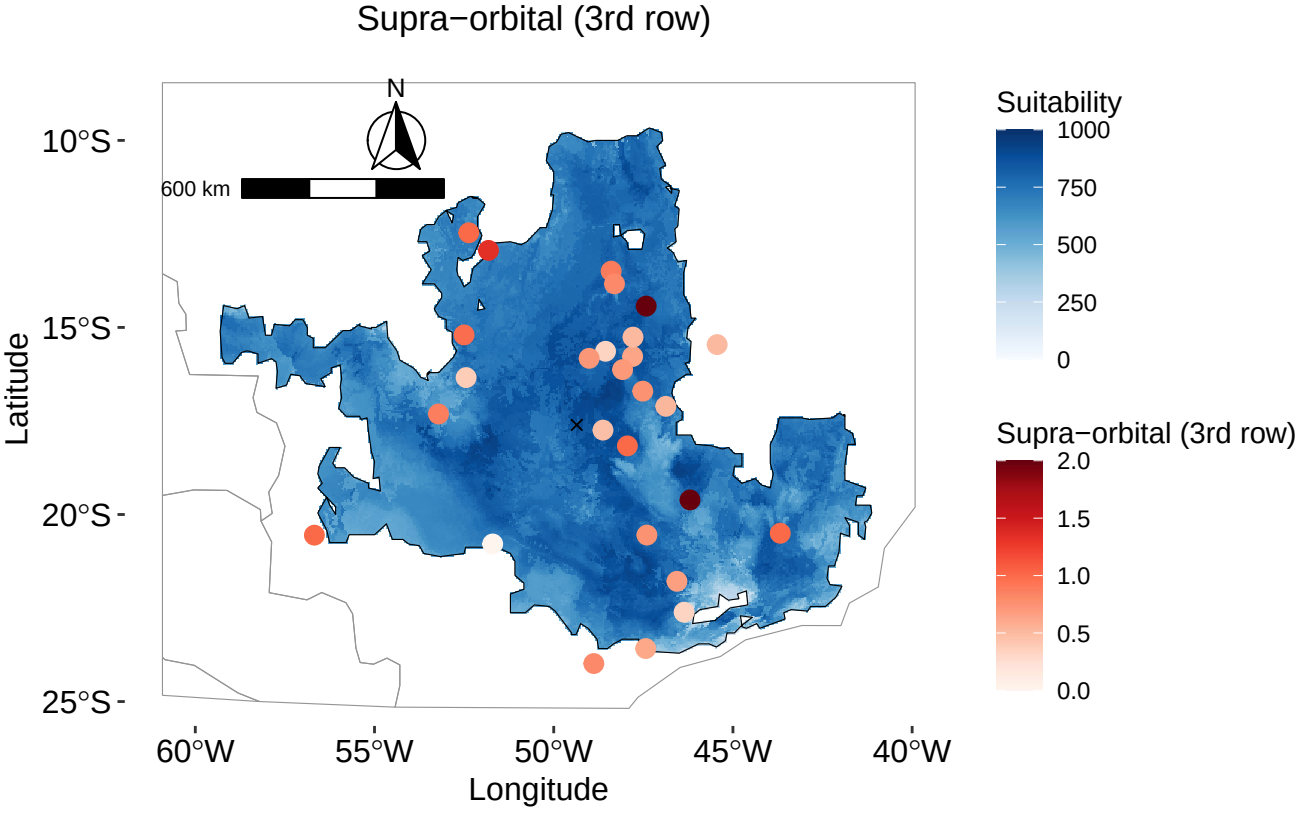

Mental
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Mental
1.00
0.75
0.50
0.25
0.00

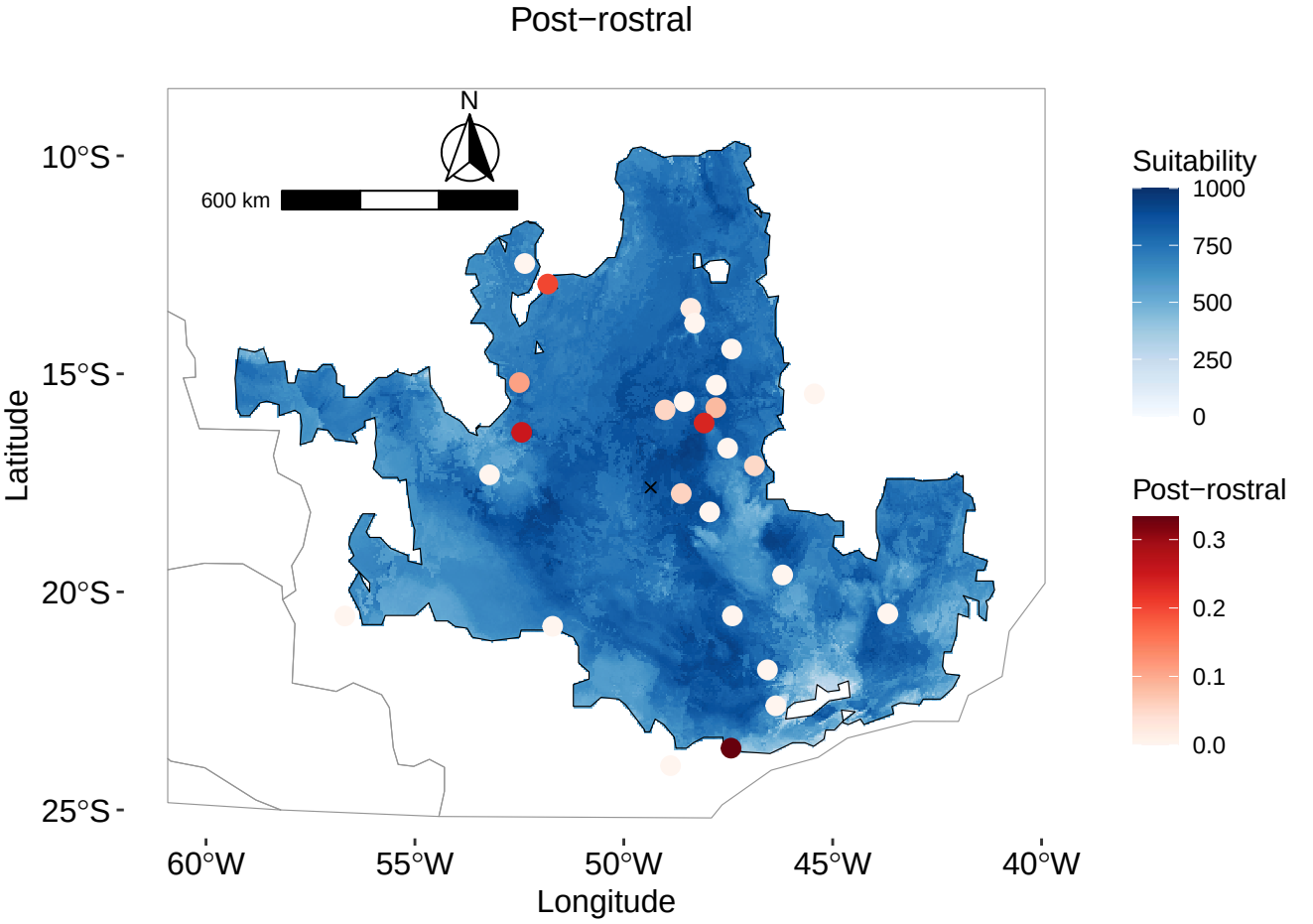

4th anterior lamelae
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
4th anterior lamelae
0.9
0.6
0.3
0.0

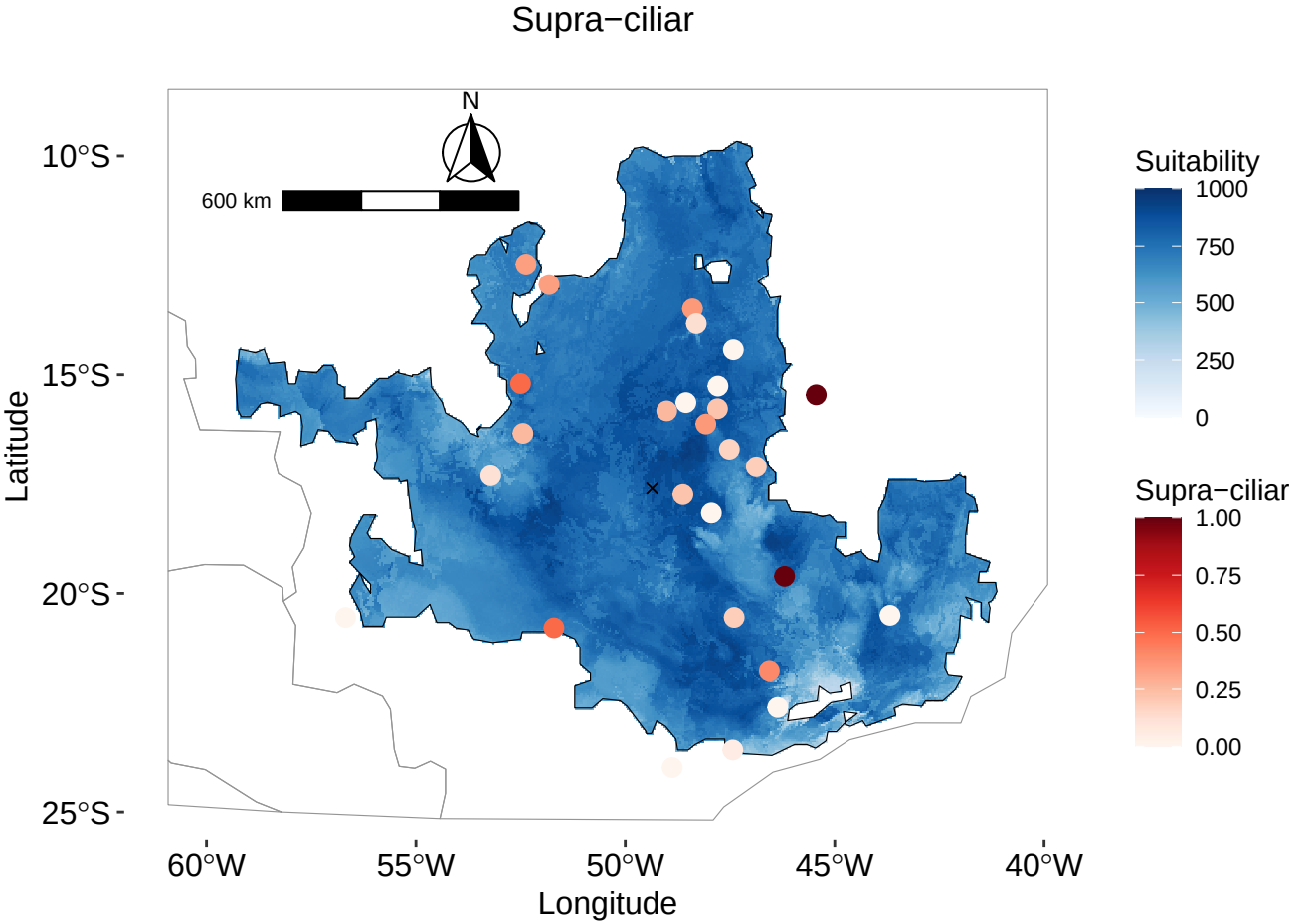

4th posterior lamelae
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
4th posterior lamelae
1.5
1.0
0.5
0.0

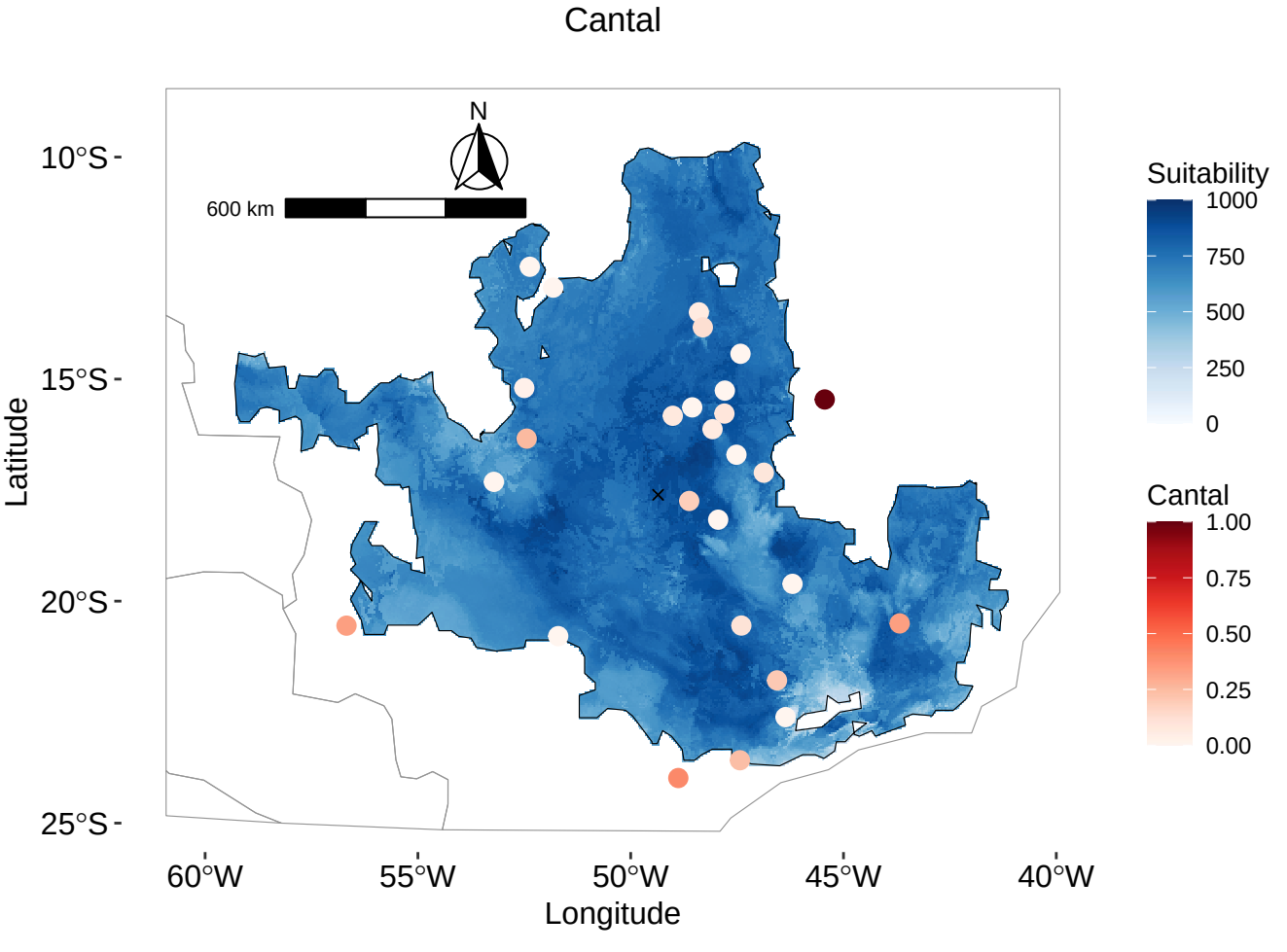

Global Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Global Asymmetry
6
5
4
3
2

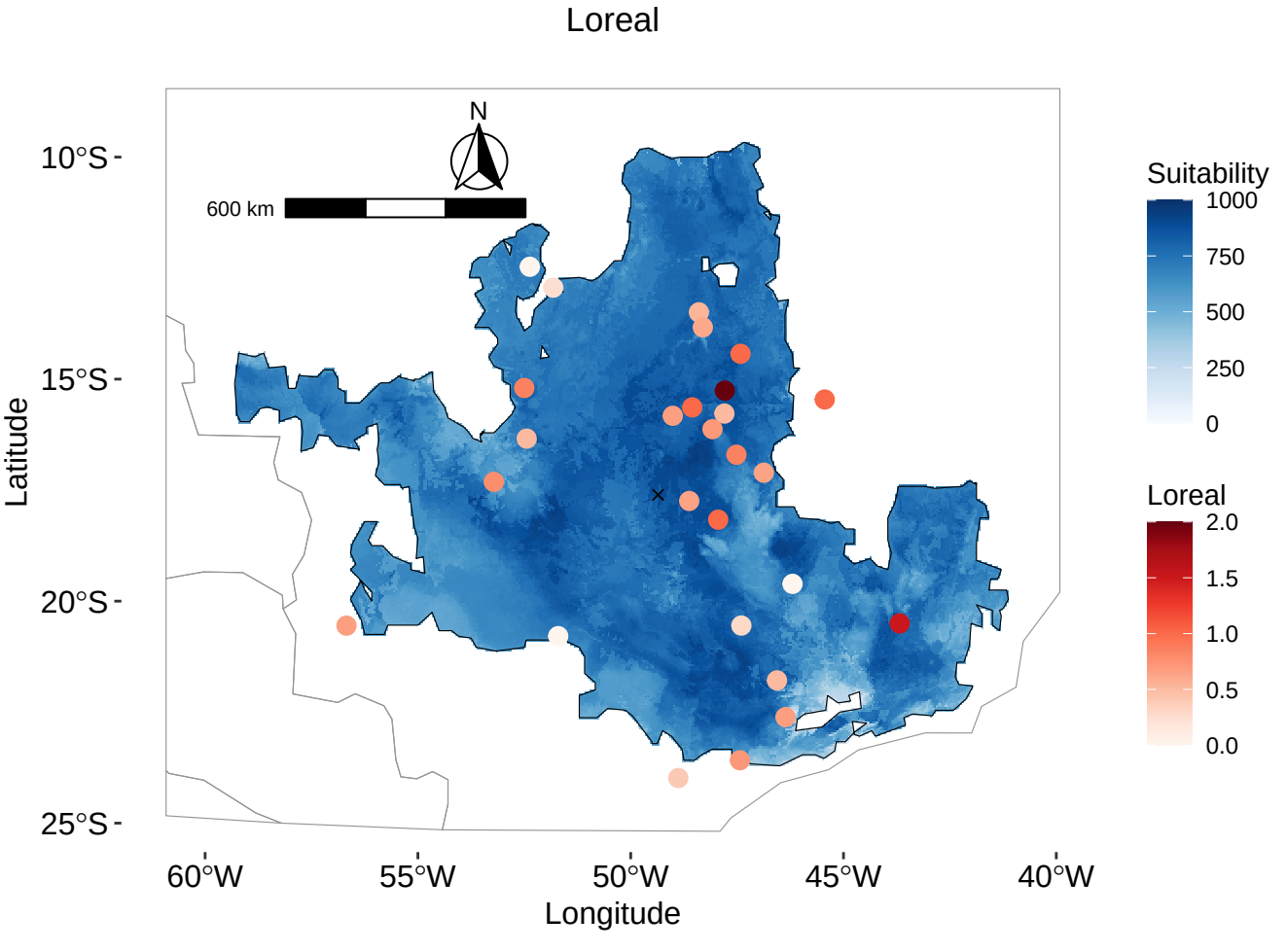

Supra−orbital (2nd row)
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Supra−orbital (2nd row)
2.0
1.5
1.0
0.5
0.0

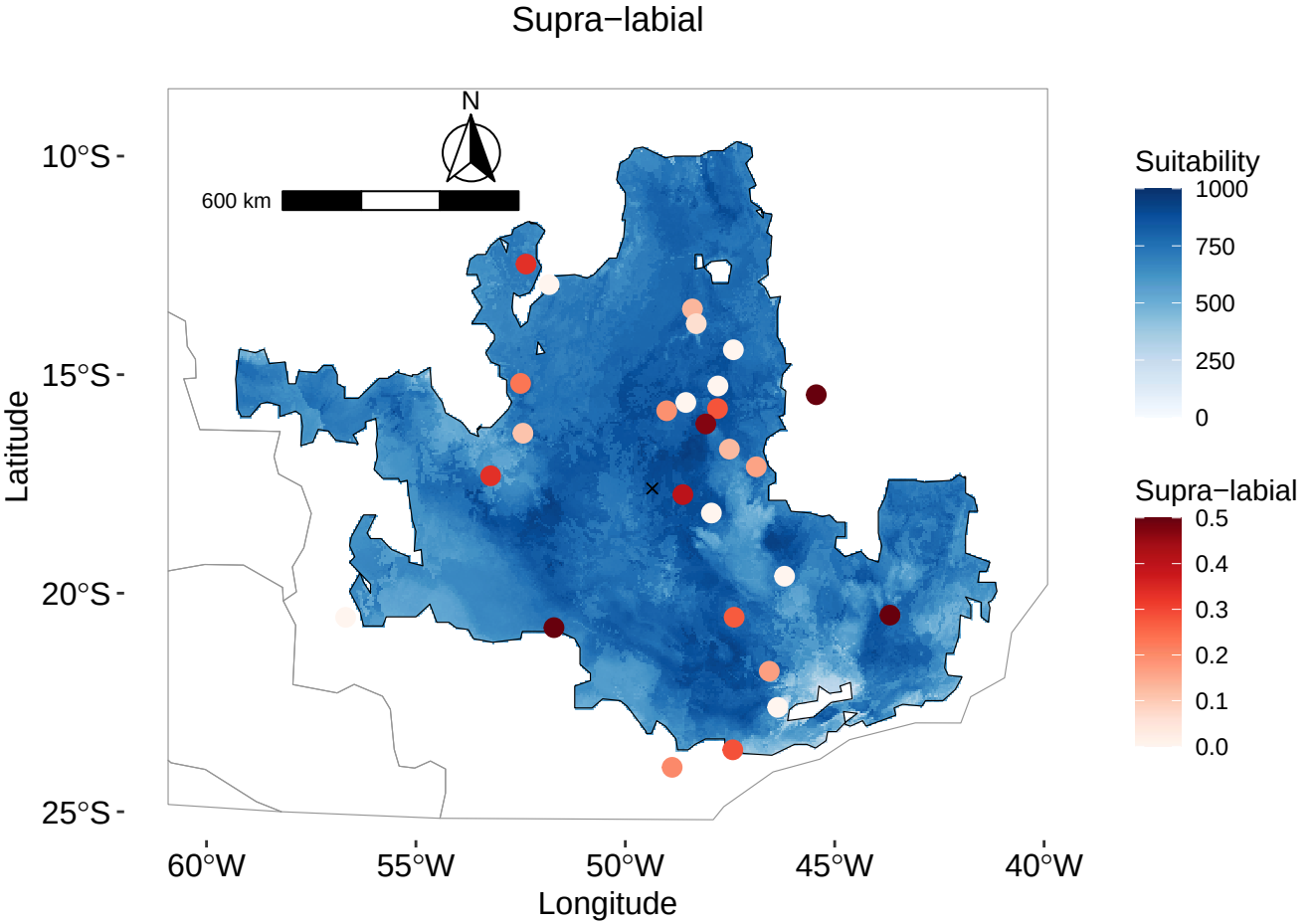

Supra−orbital (3rd row)
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Supra−orbital (3rd row)
2.0
1.5
1.0
0.5
0.0

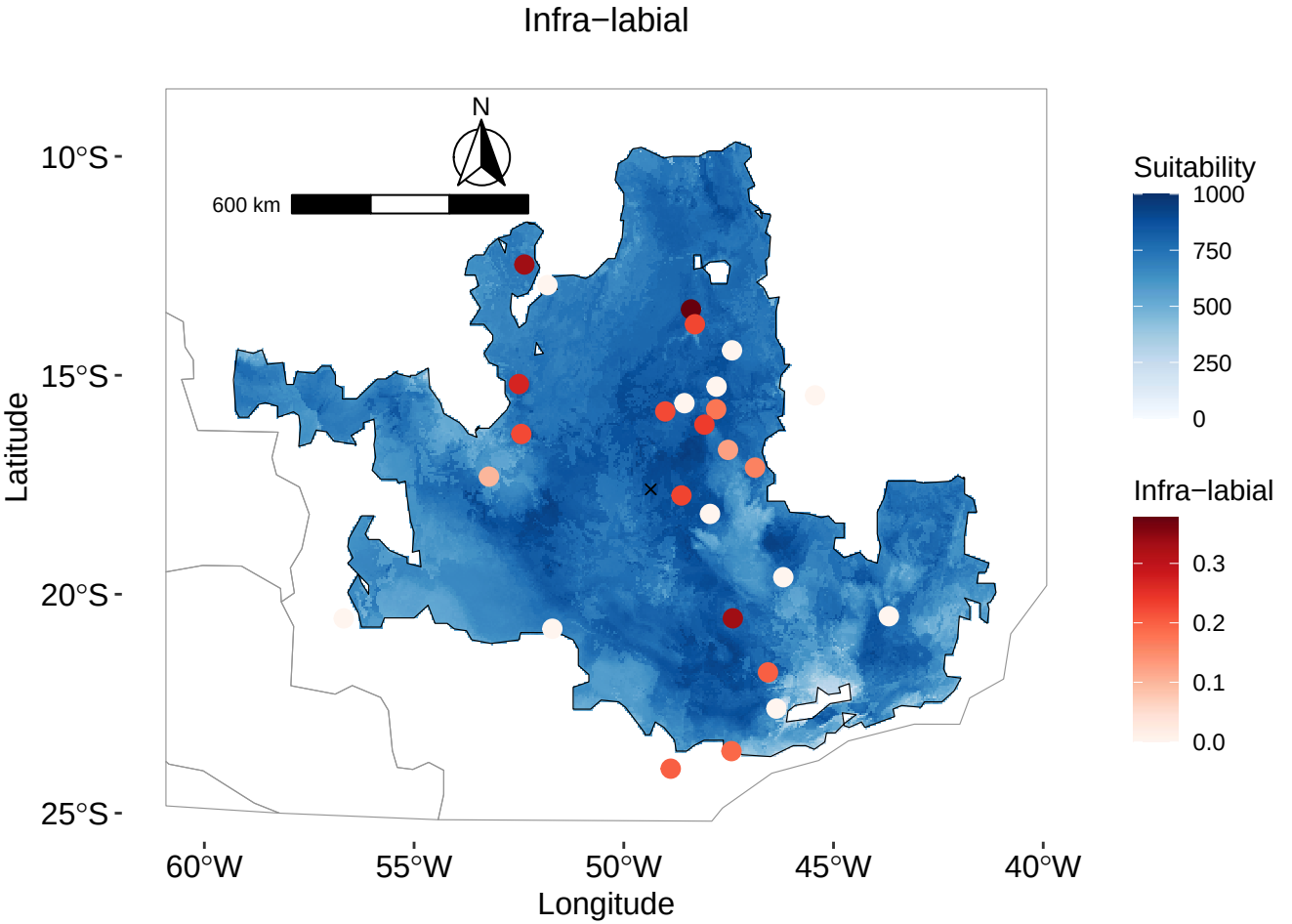

Post−rostral
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Post−rostral
0.3
0.2
0.1
0.0

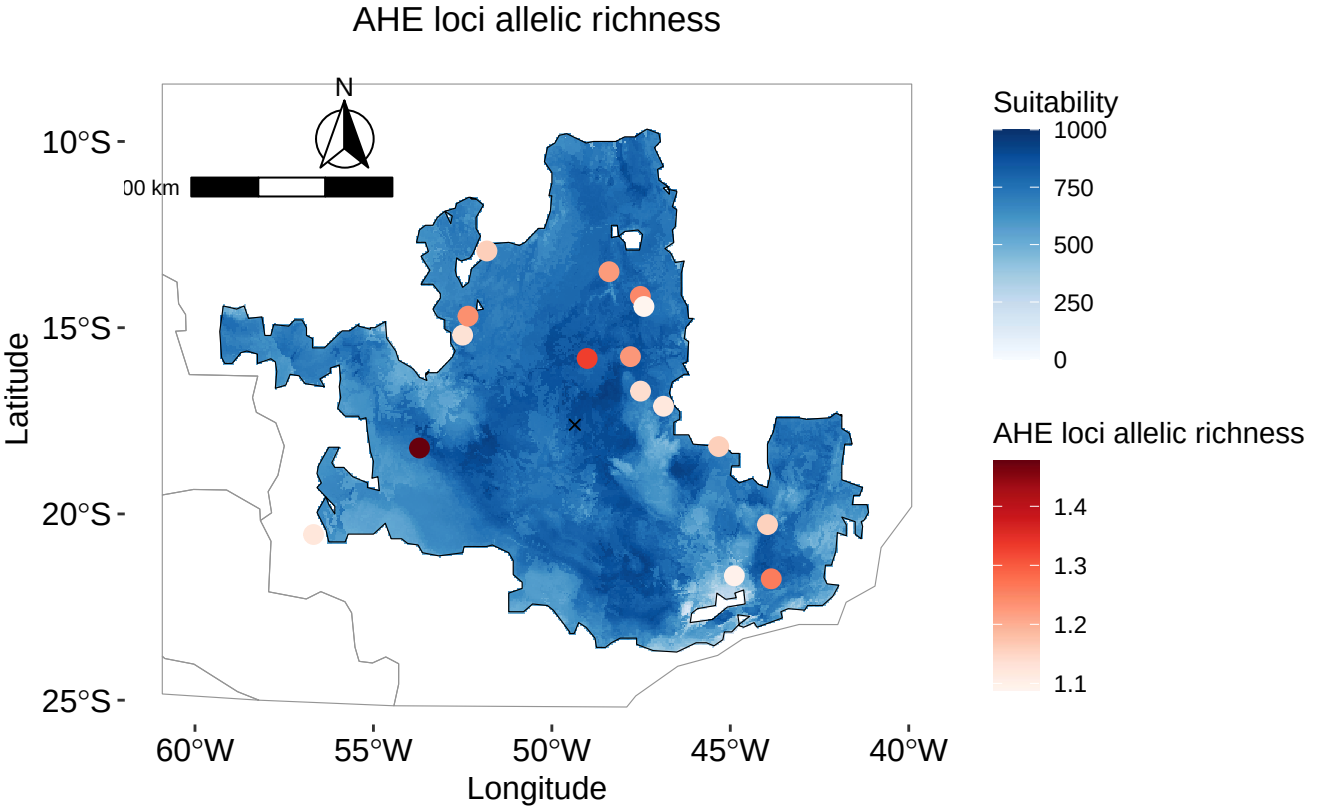

Supra−ciliar
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Supra−ciliar
1.00
0.75
0.50
0.25
0.00

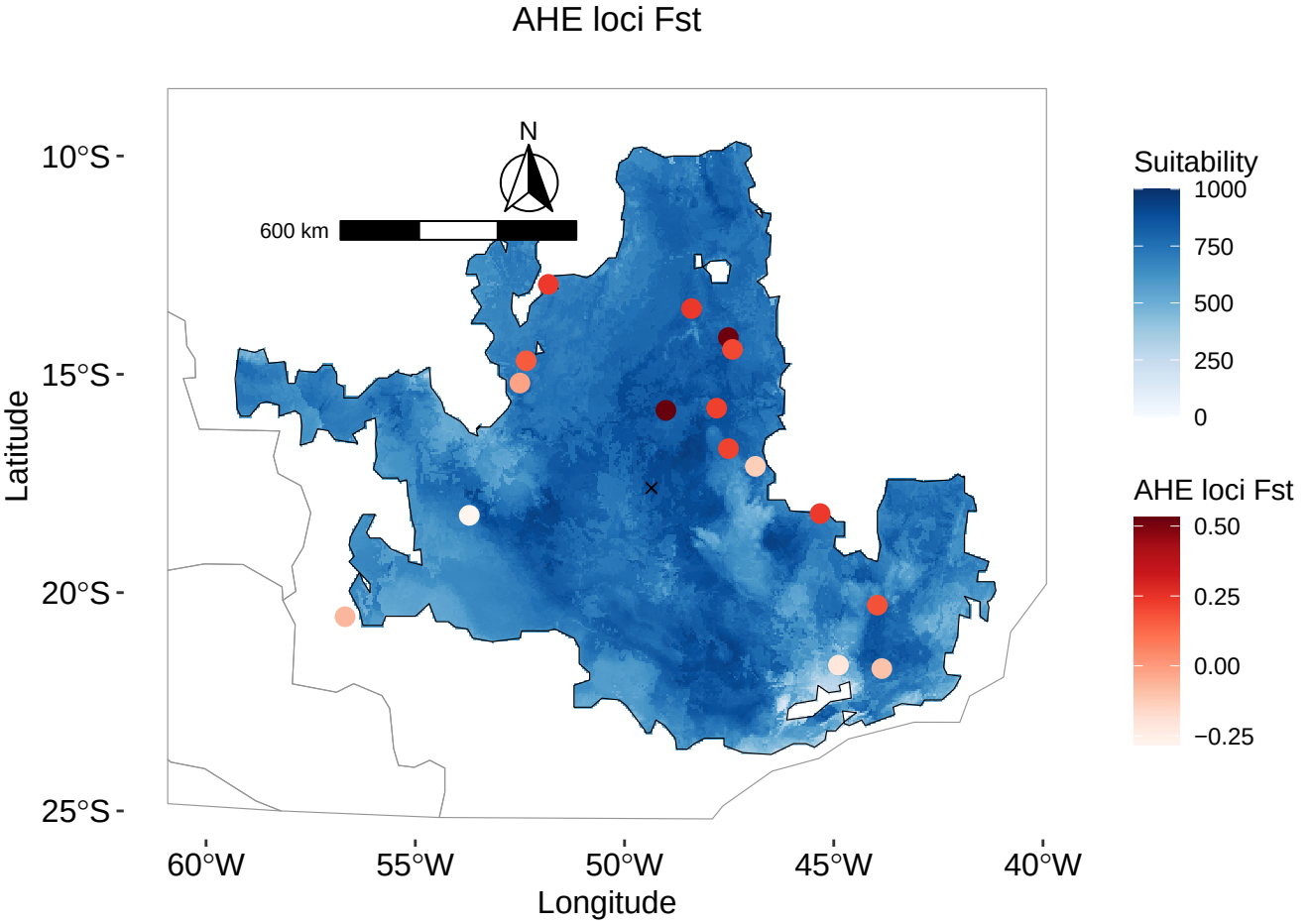

Cantal
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Cantal
1.00
0.75
0.50
0.25
0.00

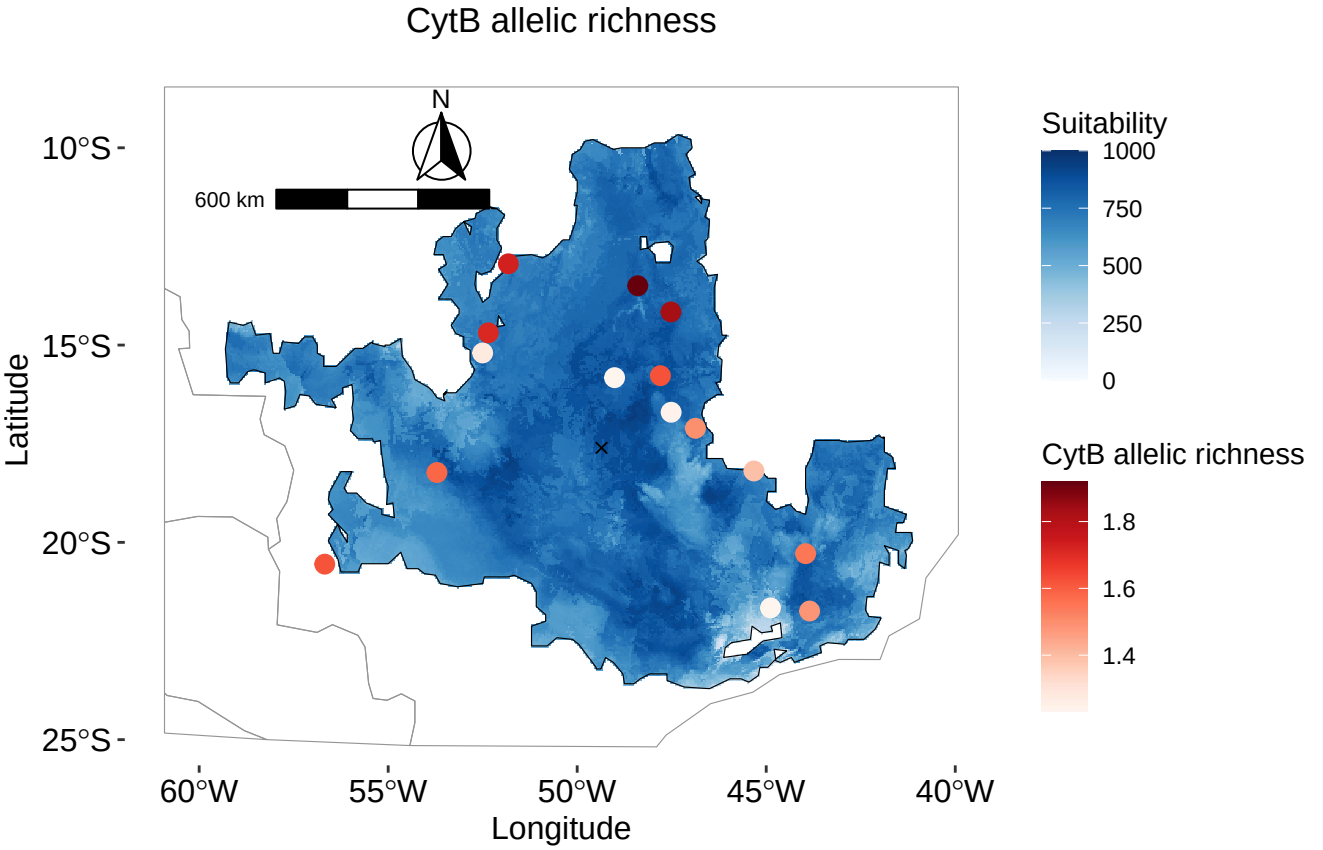

Loreal
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Loreal
2.0
1.5
1.0
0.5
0.0

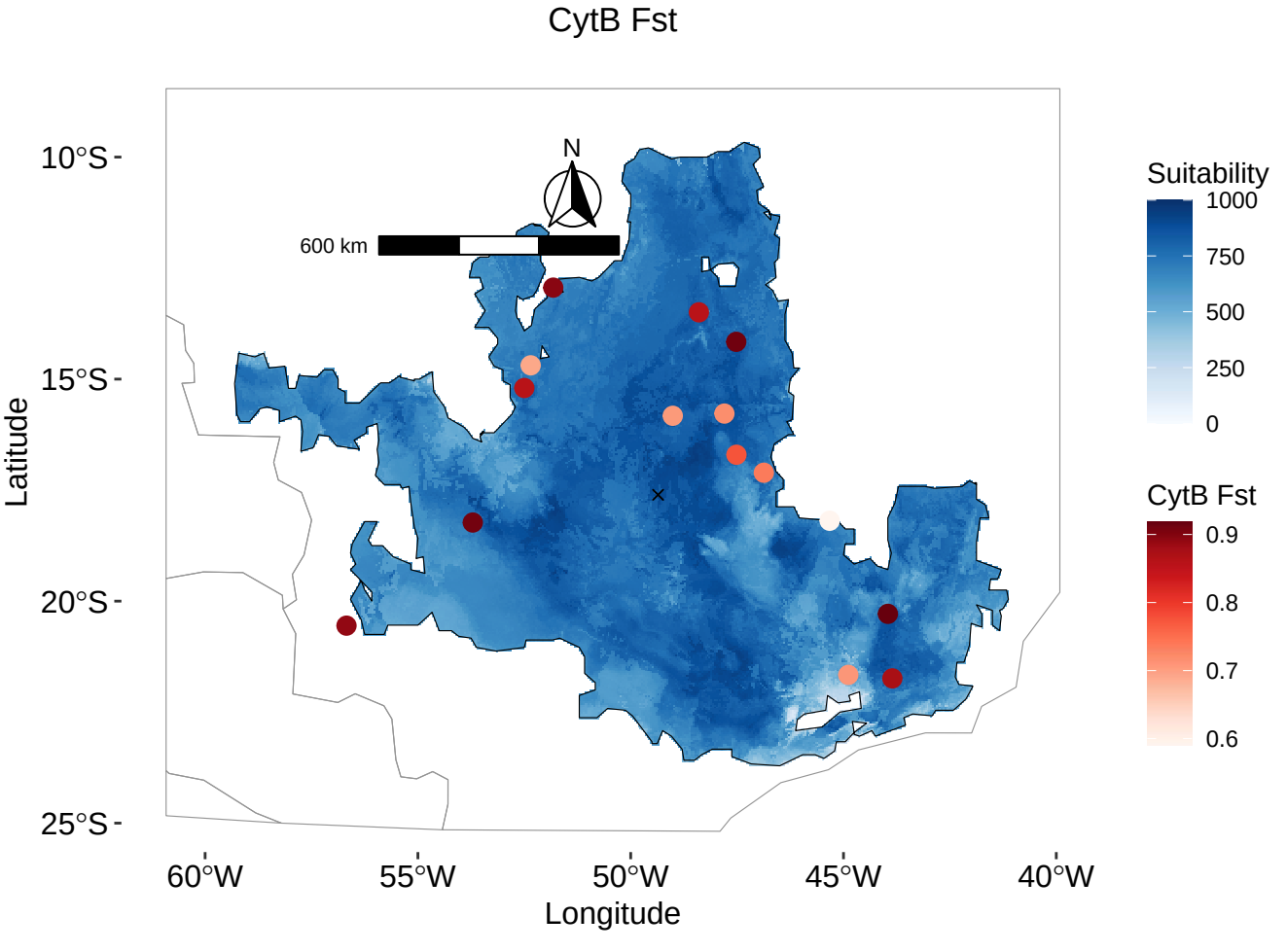

Supra−labial
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Supra−labial
0.5
0.4
0.3
0.2
0.1
0.0

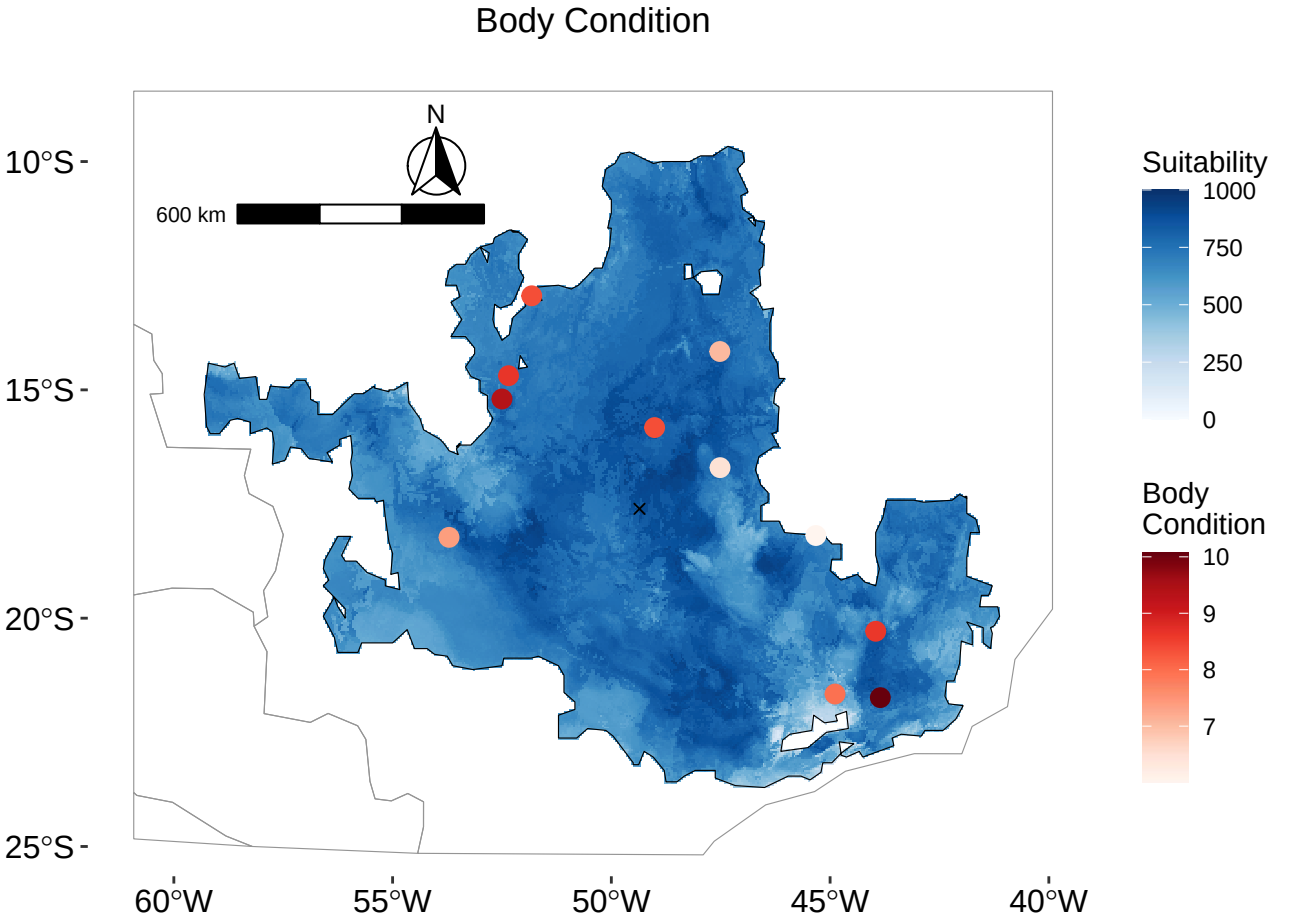

Infra−labial
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
Infra−labial
0.3
0.2
0.1
0.0

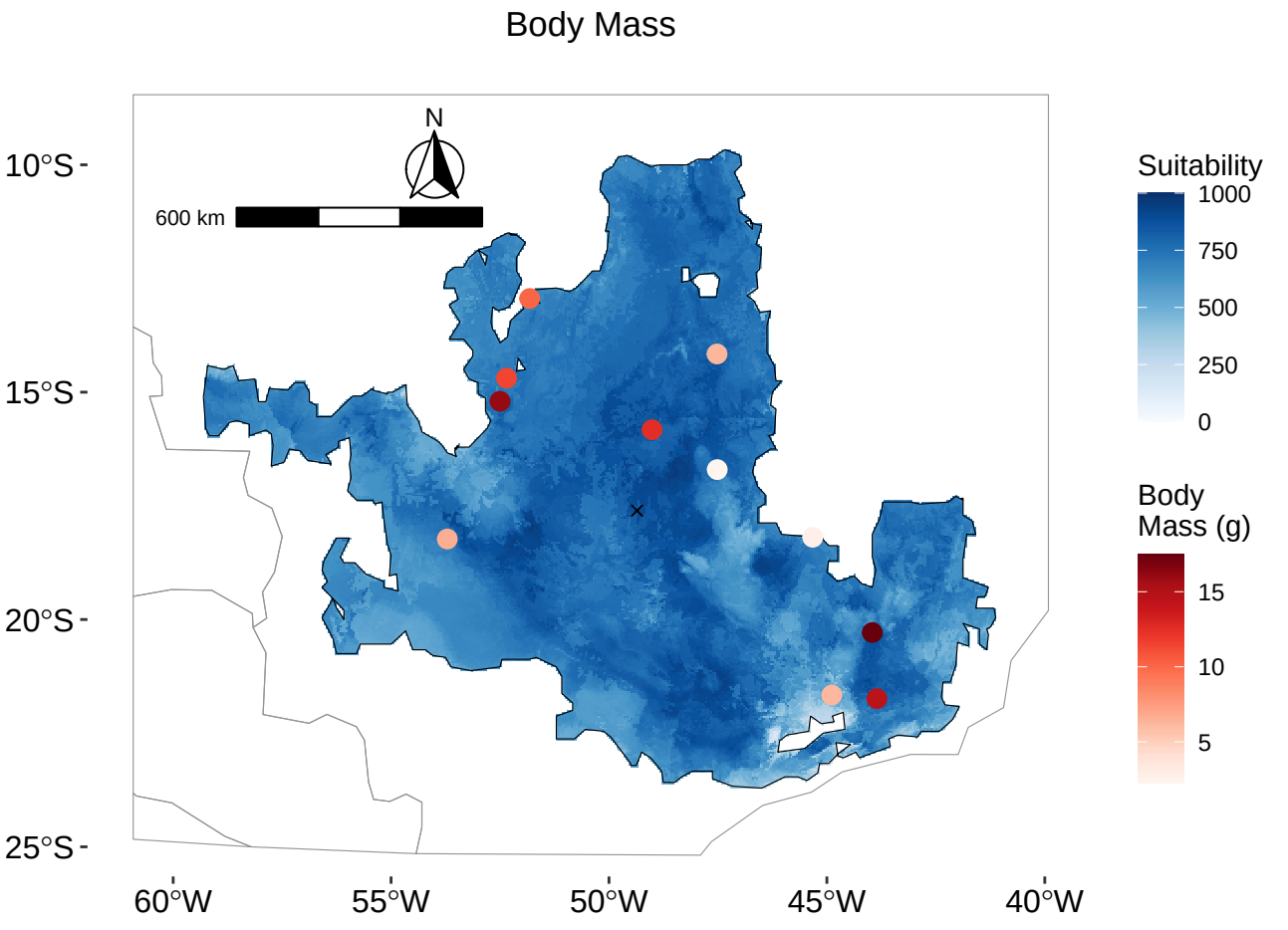

AHE loci allelic richness
N
00 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
AHE loci allelic richness
1.4
1.3
1.2
1.1

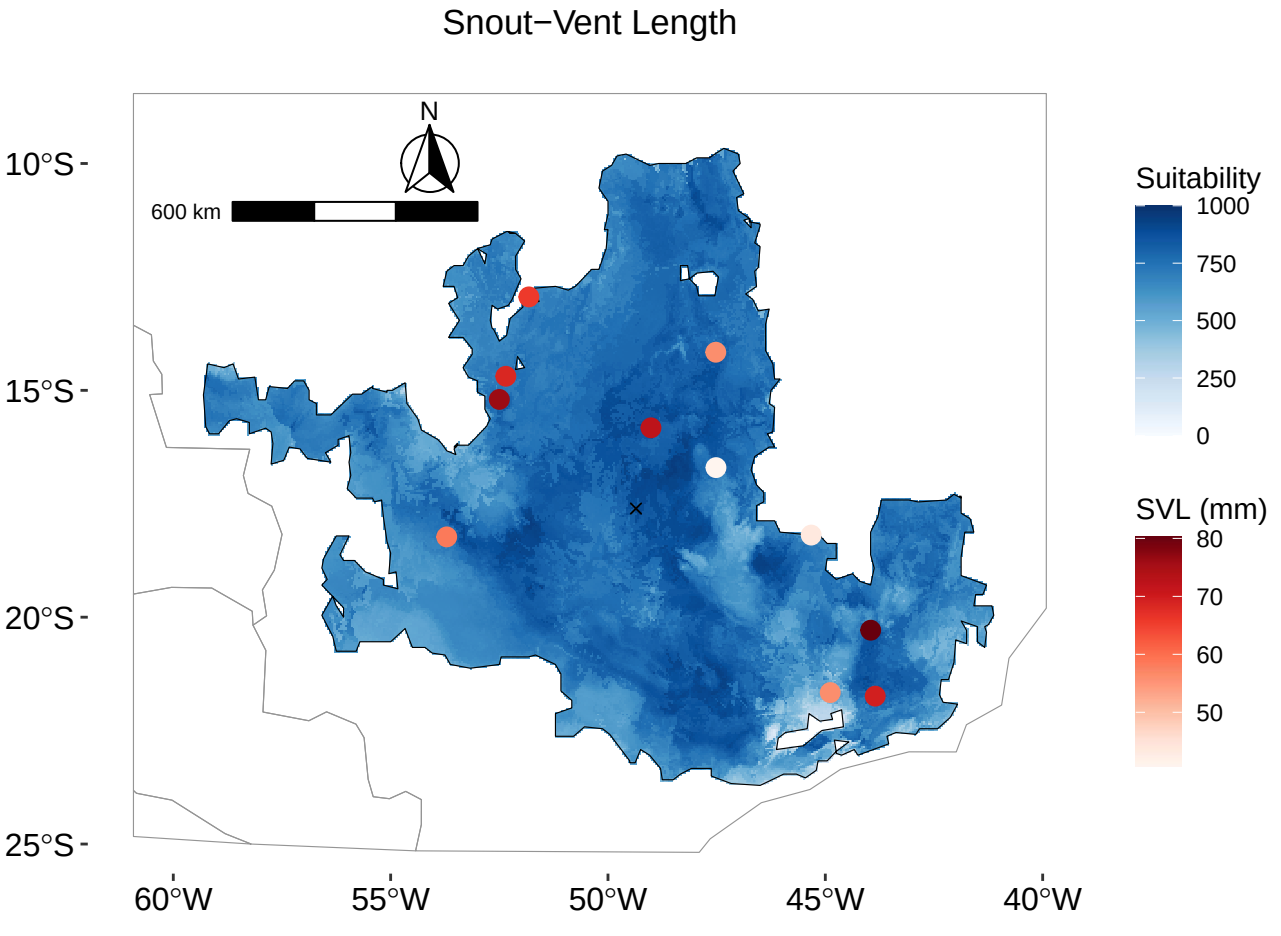

AHE loci Fst
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
AHE loci Fst
0.50
0.25
0.00
−0.25

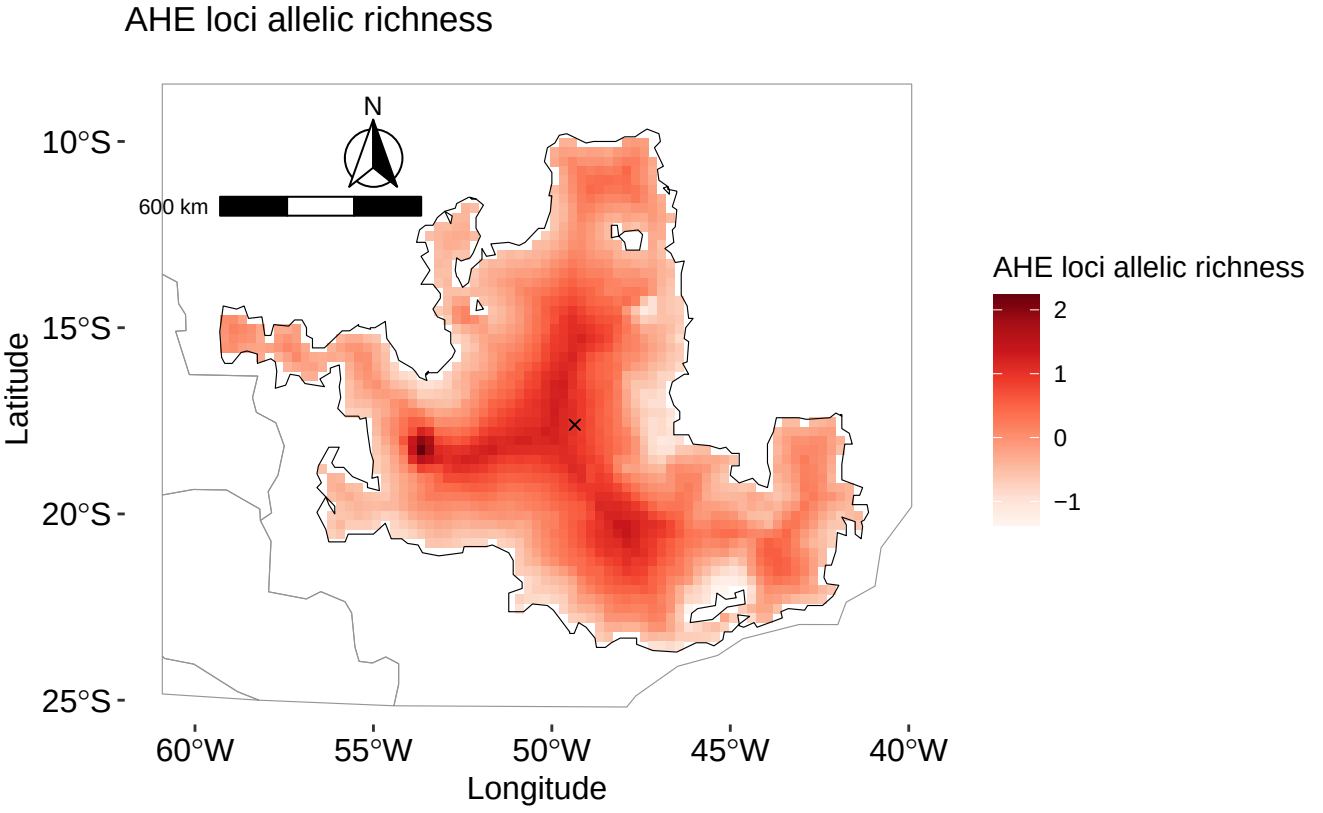

CytB allelic richness
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Suitability
1000
750
500
250
0
CytB allelic richness
1.8
1.6
1.4

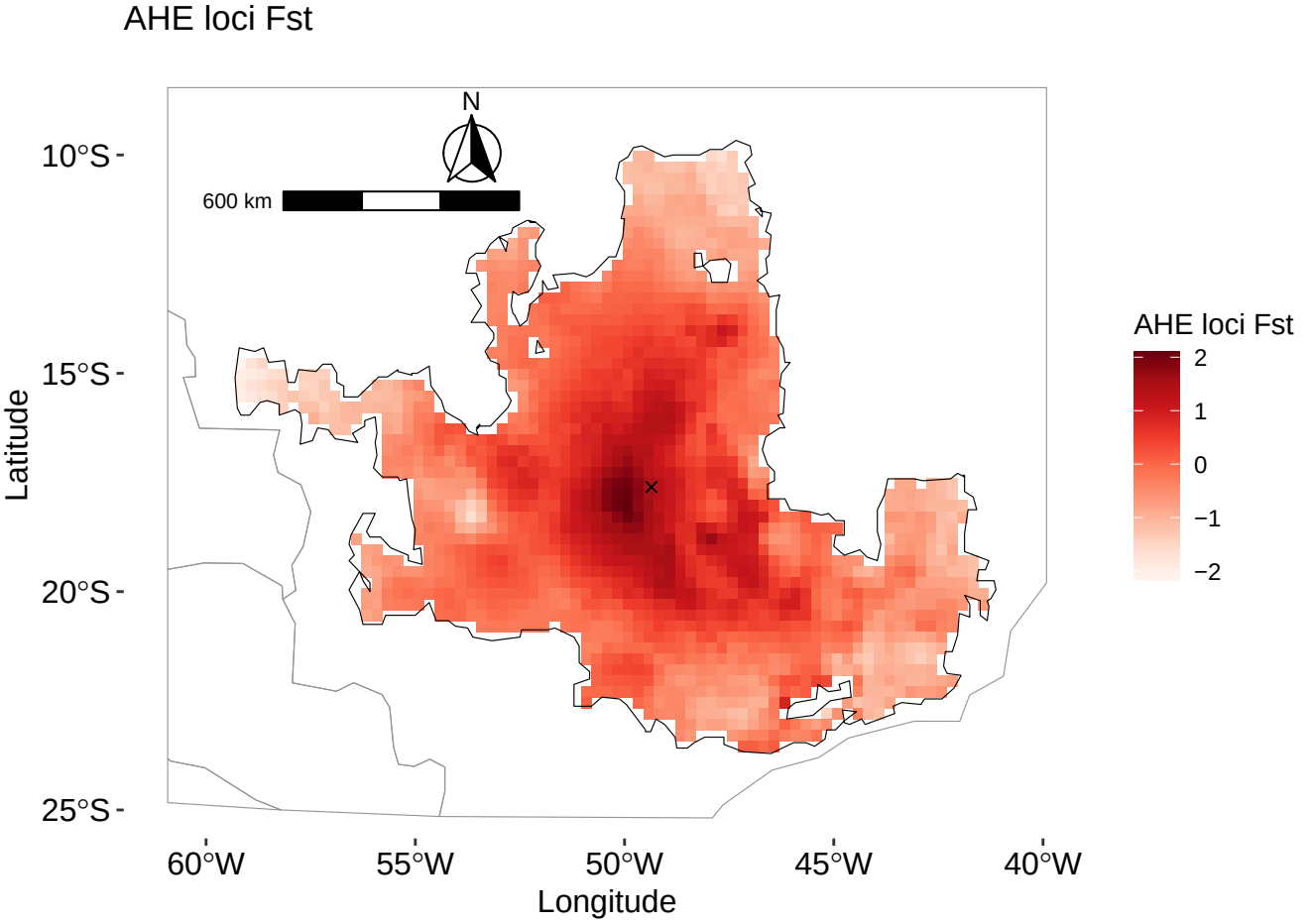

CytB Fst
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
N
600 km
Suitability
1000
750
500
250
0
CytB Fst
0.9
0.8
0.7
0.6

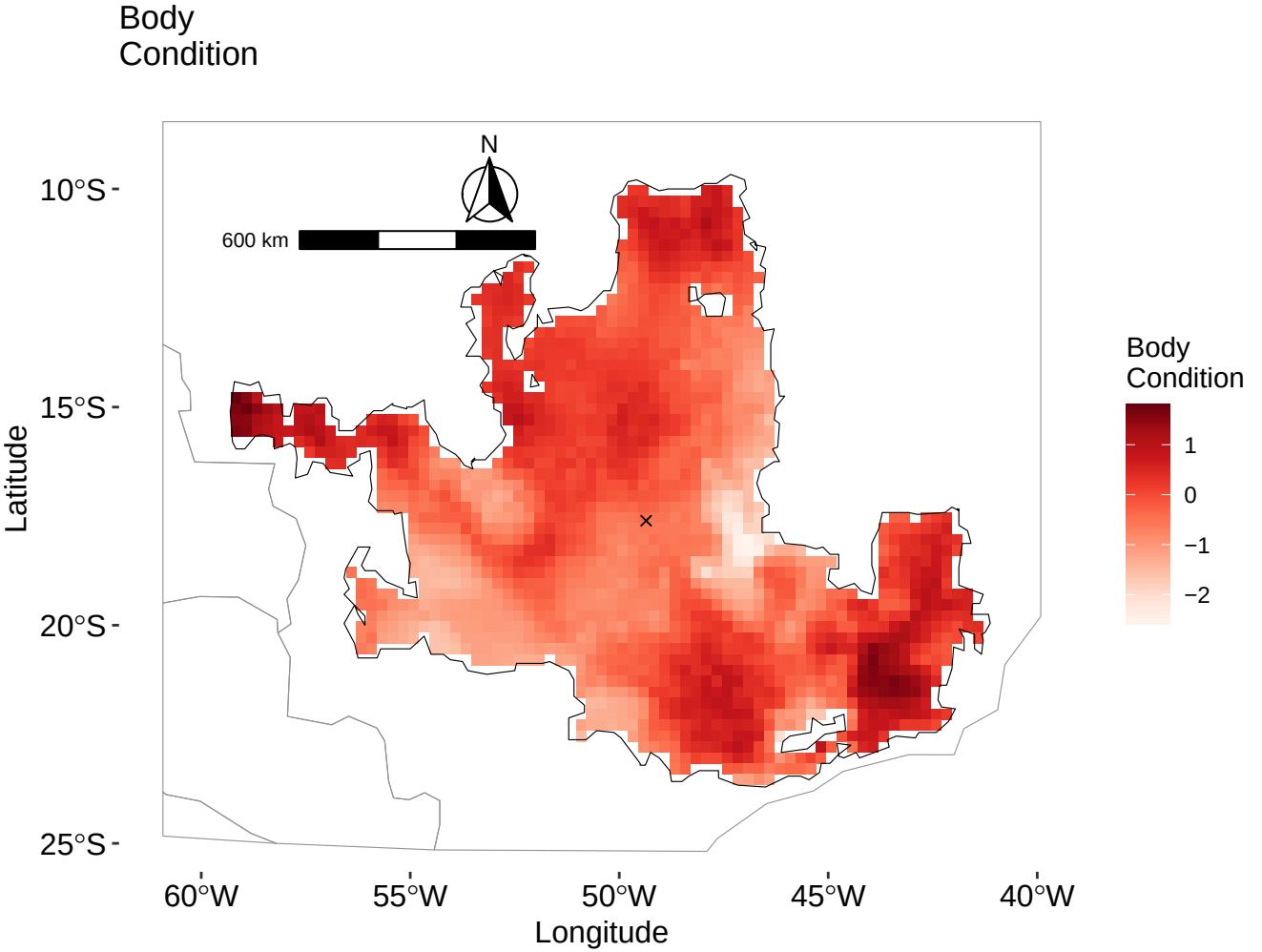

Body Condition
N
600 km
10°S
15°S
20°S
25°S
60°W
55°W
50°W
45°W
40°W
Suitability
1000
750
500
250
0
Body Condition
10
9
8
7

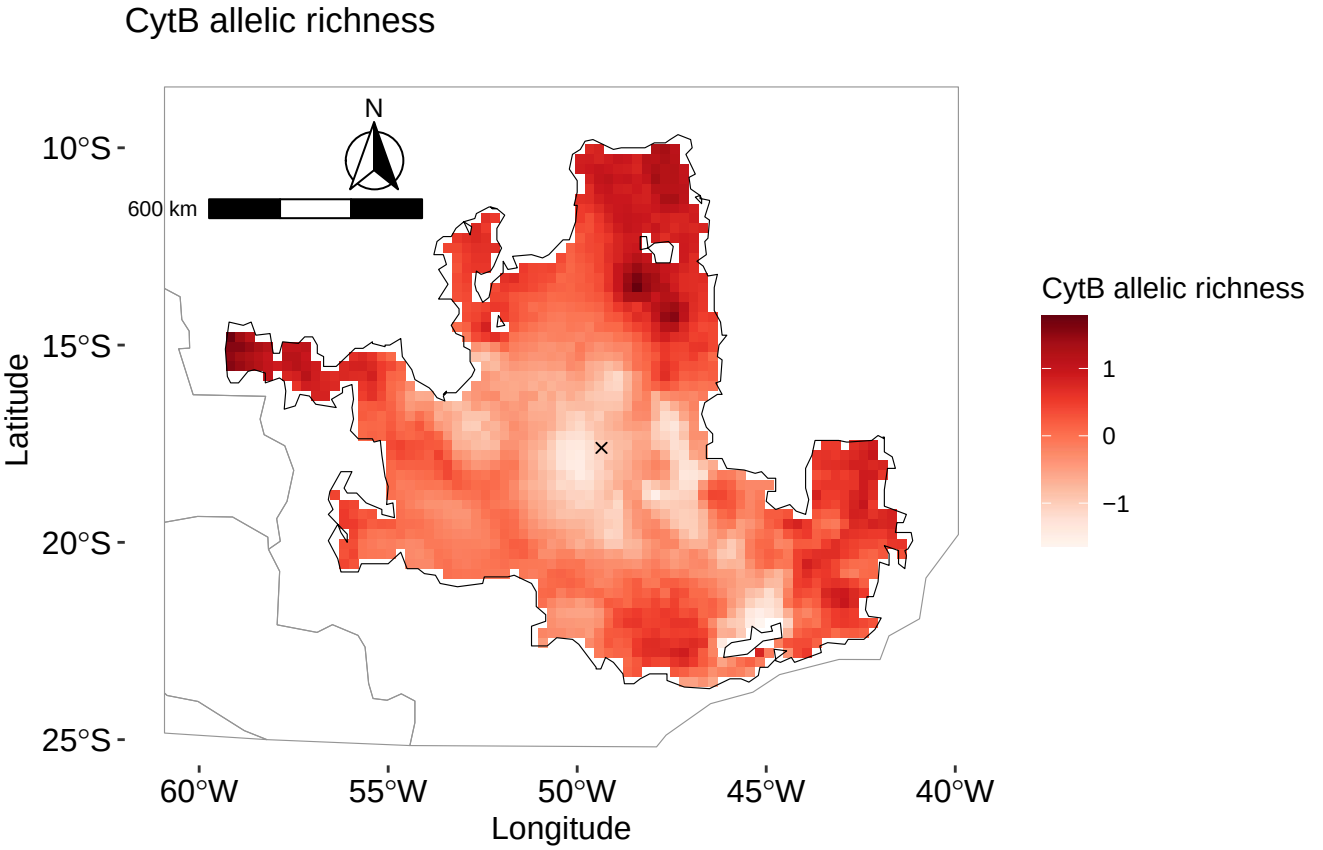

Body Mass
N
600 km
10°S
15°S
20°S
25°S
60°W
55°W
50°W
45°W
40°W
Suitability
1000
750
500
250
0
Body Mass (g)
15
10
5

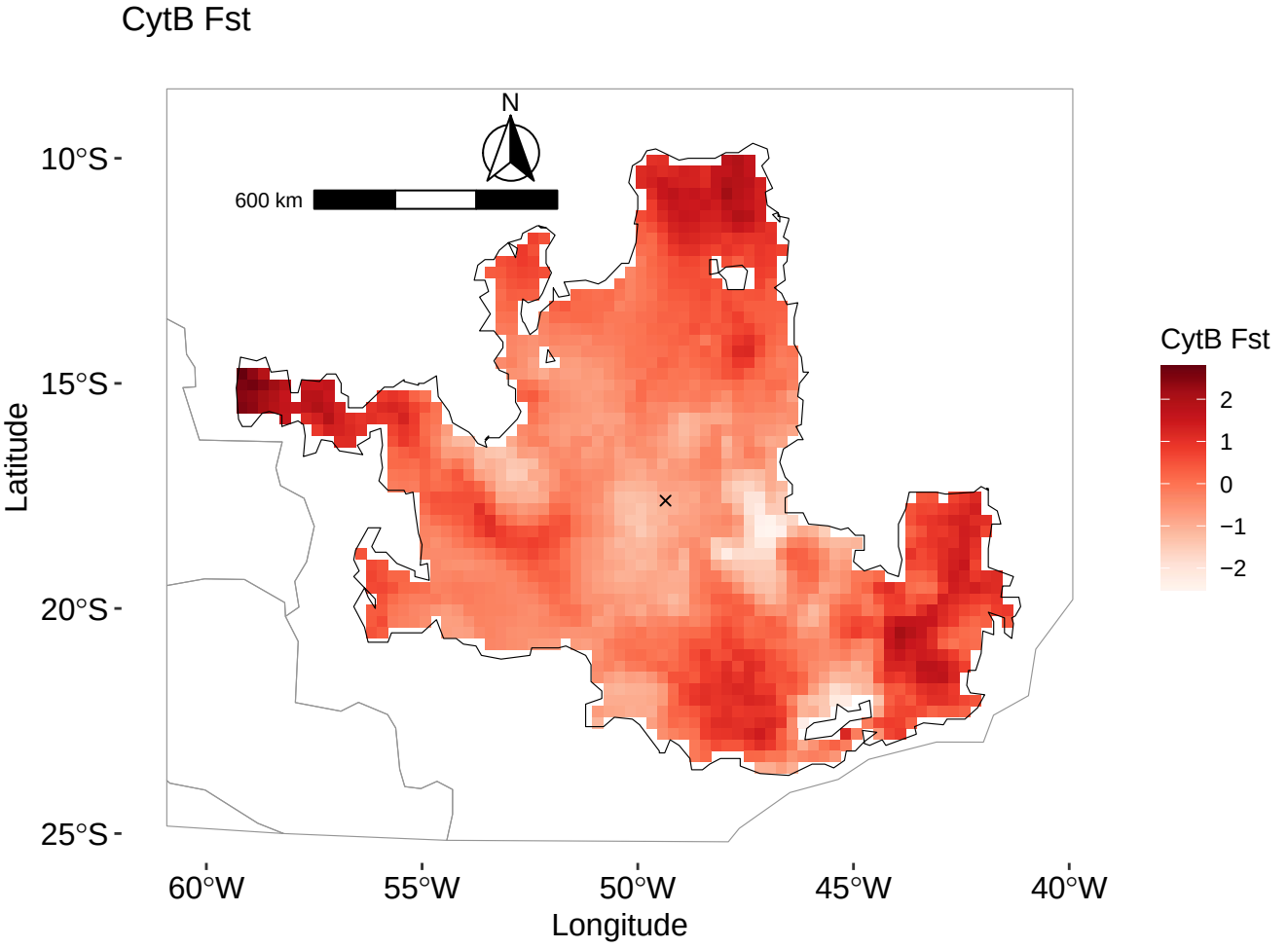

Snout−Vent Length
N
600 km
10°S
15°S
20°S
25°S
60°W
55°W
50°W
45°W
40°W
Suitability
1000
750
500
250
0
SVL (mm)
80
70
60
50

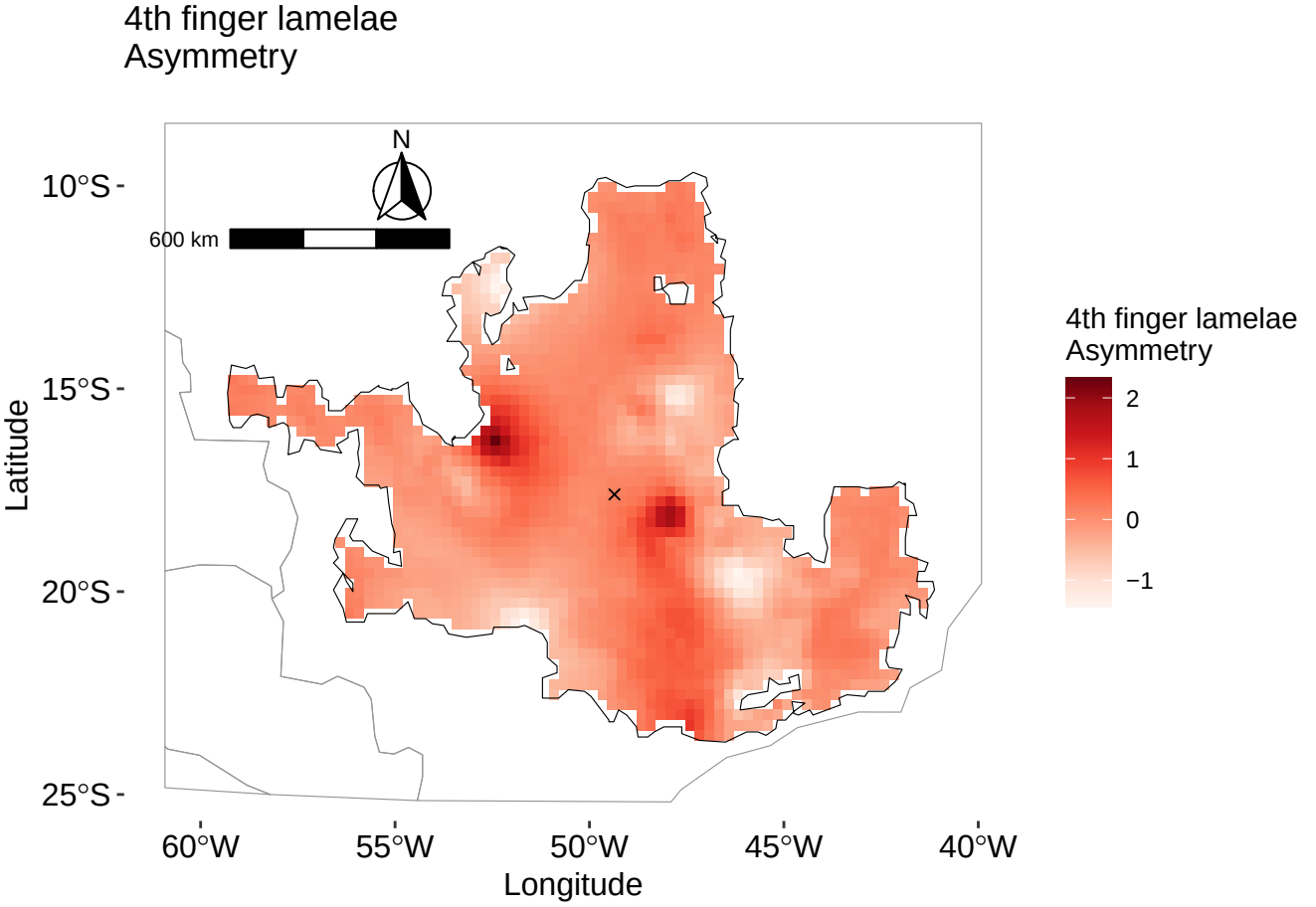

AHE loci allelic richness
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
AHE loci allelic richness
2
1
0
−1

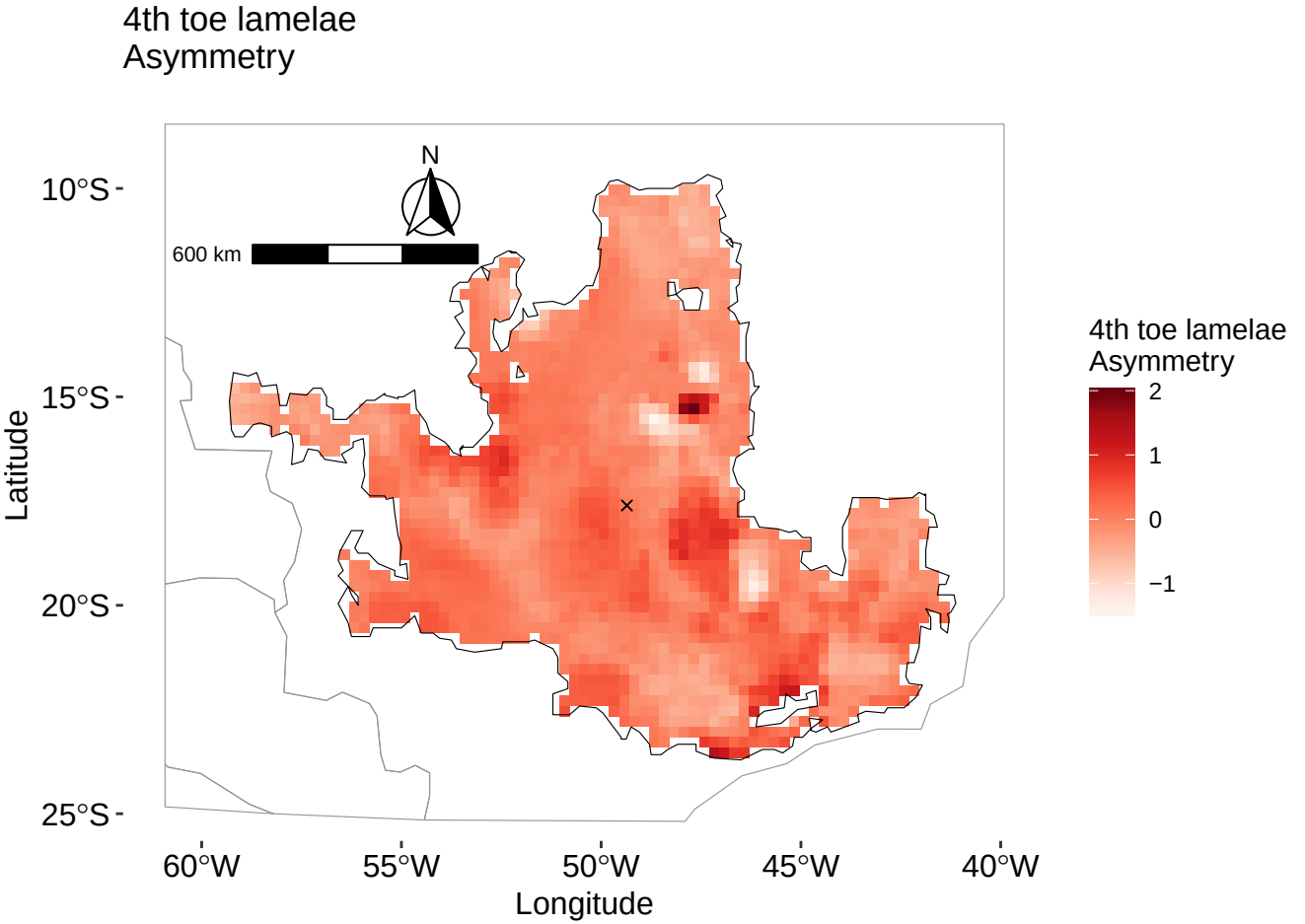

AHE loci Fst
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
AHE loci Fst
2
1
0
−1
−2

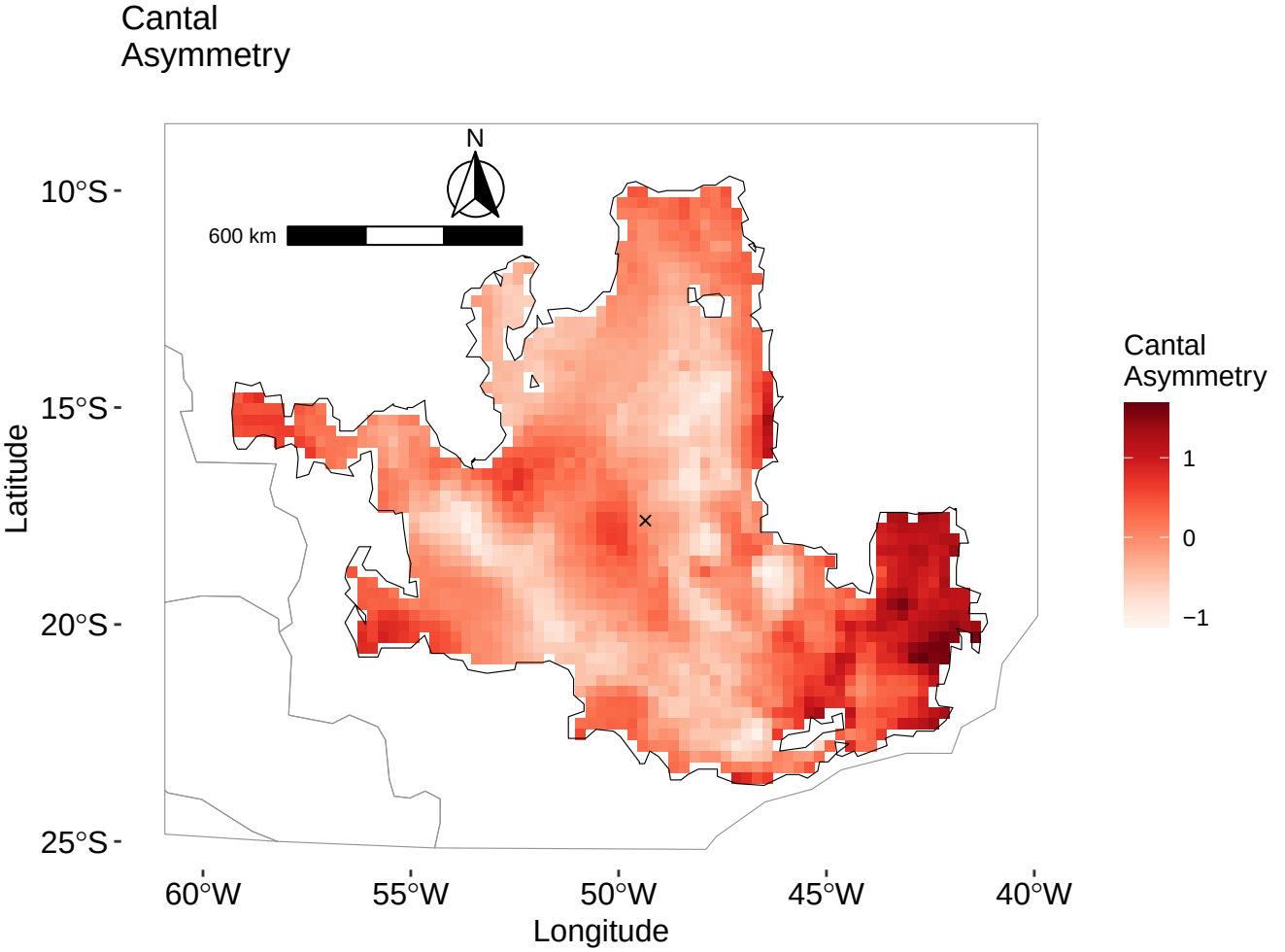

Body
Condition
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Body
Condition
1
0
−1
−2

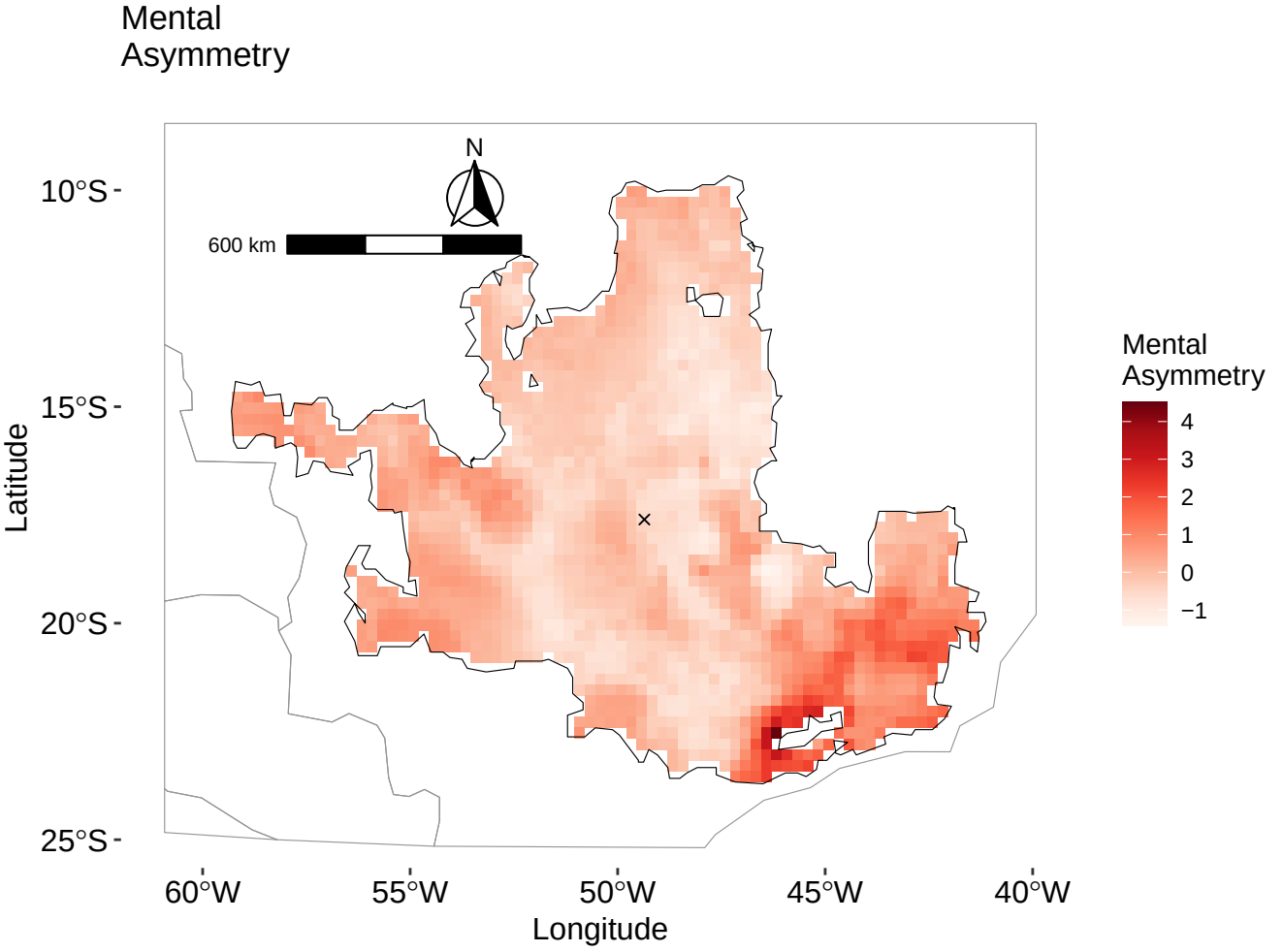

CytB allelic richness
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
CytB allelic richness
1
0
−1

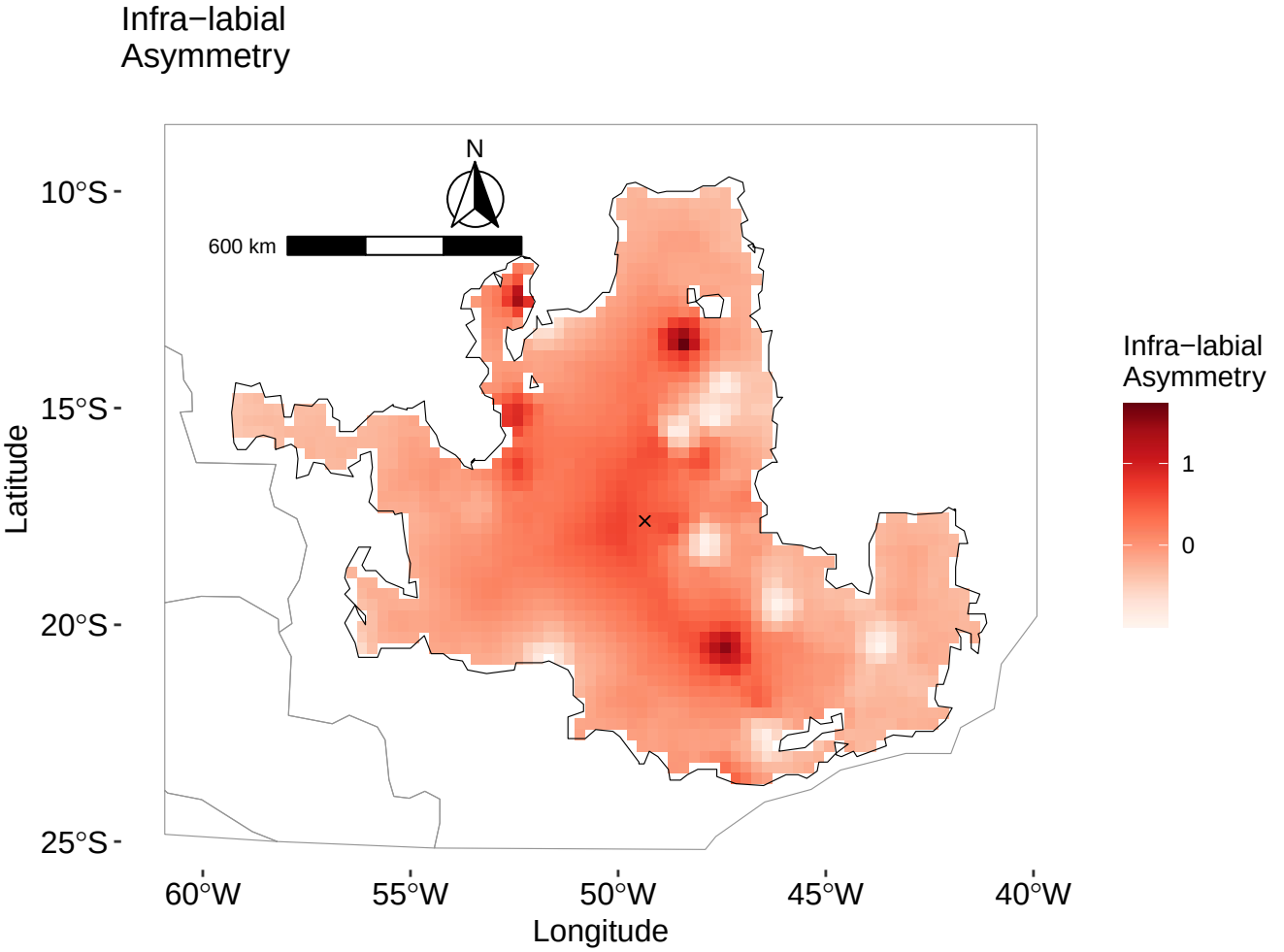

CytB Fst
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
CytB Fst
2
1
0
−1
−2

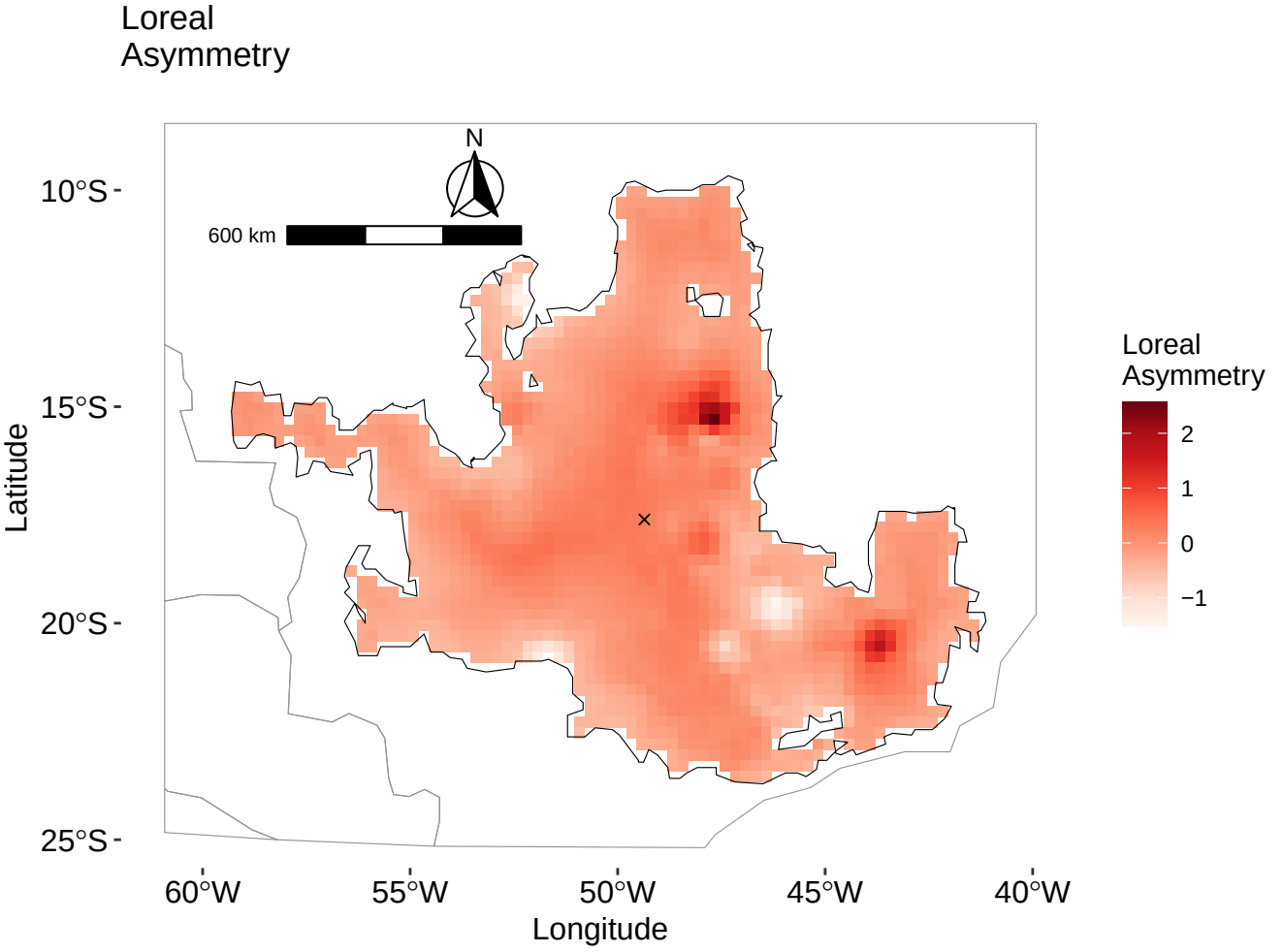

4th finger lamelae
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
4th finger lamelae
Asymmetry
2
1
0
−1

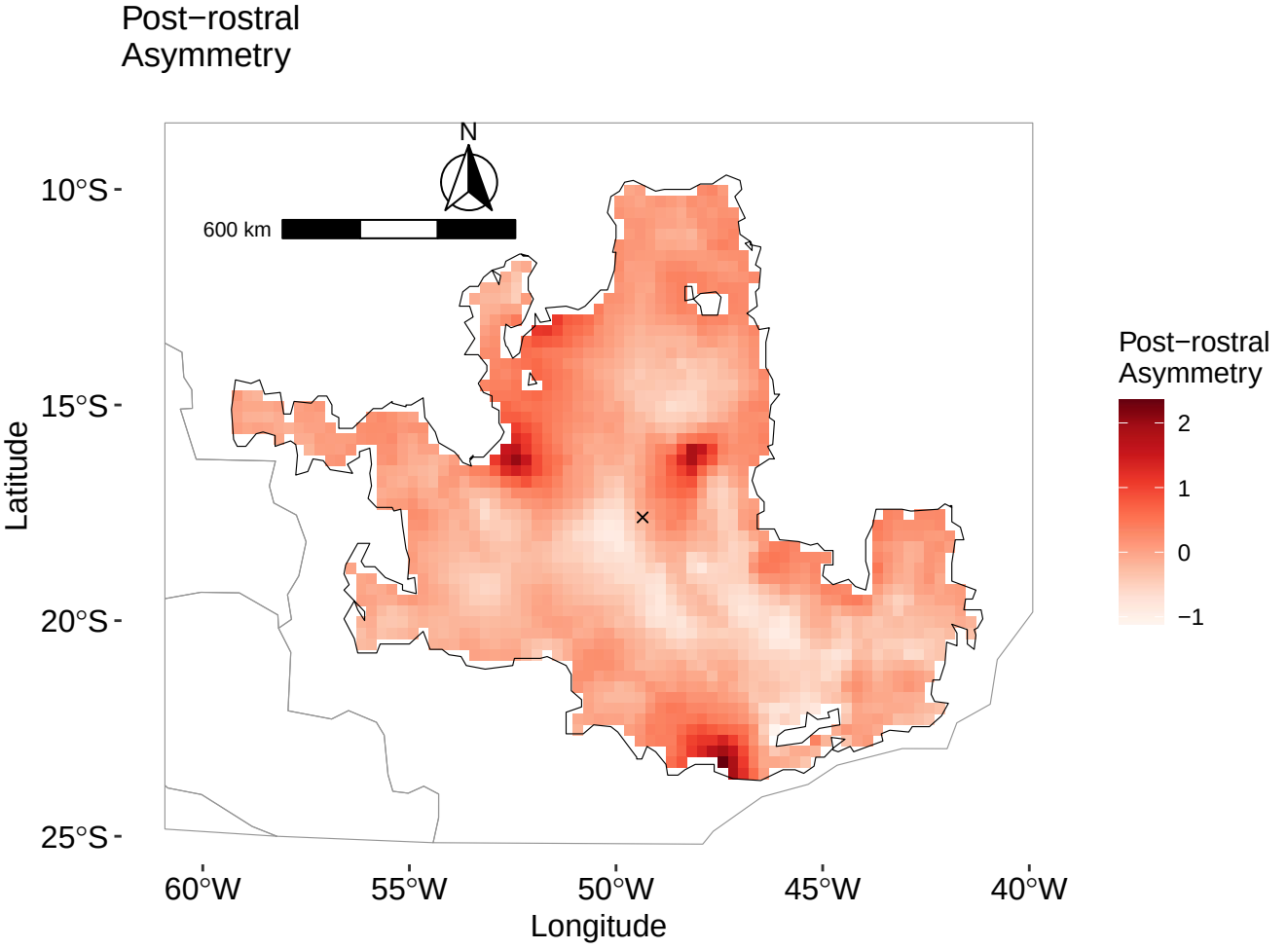

4th toe lamelae
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
4th toe lamelae
Asymmetry
2
1
0
−1

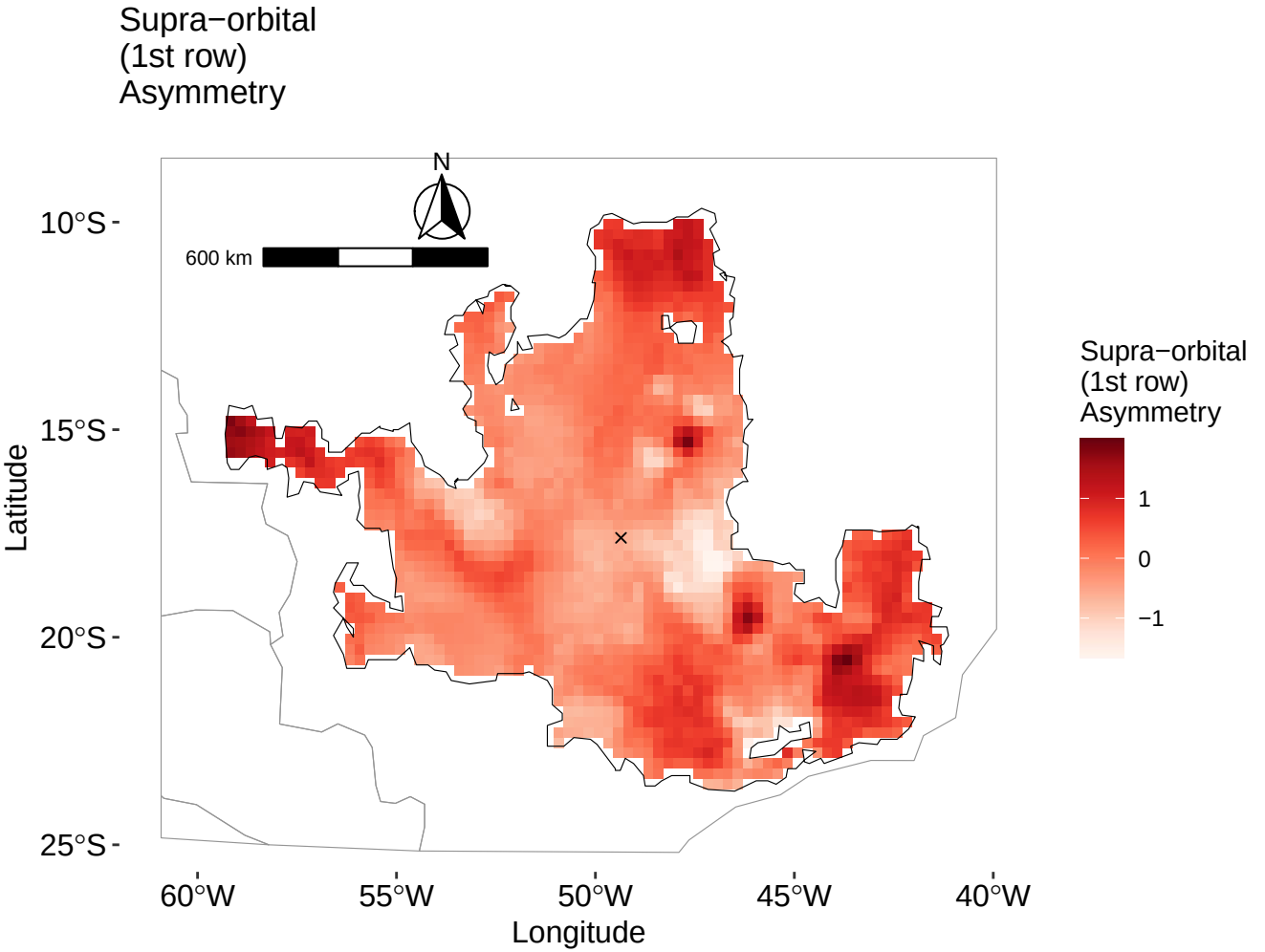

Cantal
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Cantal
Asymmetry
1
0
−1

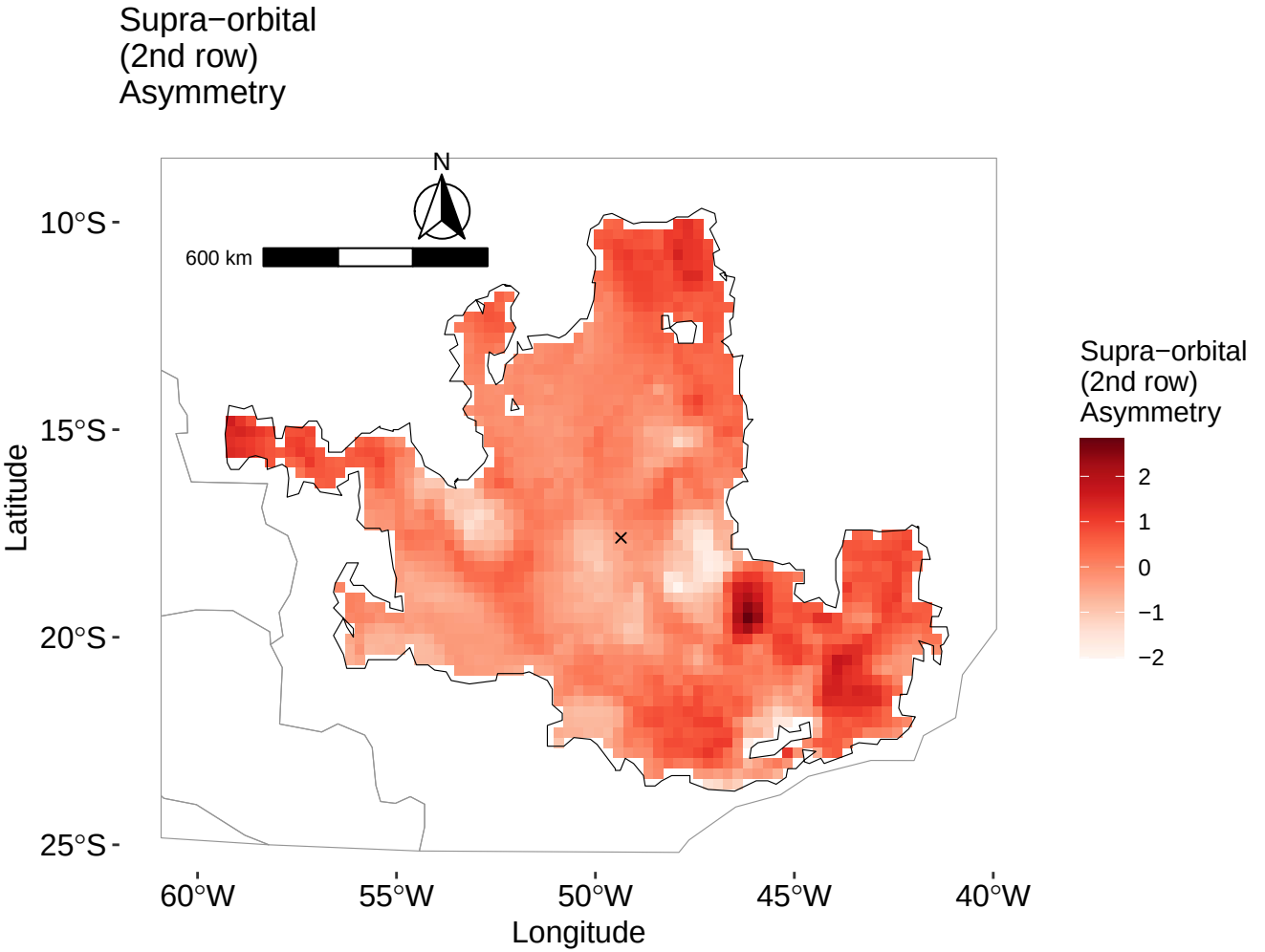

Mental
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Mental
Asymmetry
4
3
2
1
0
−1

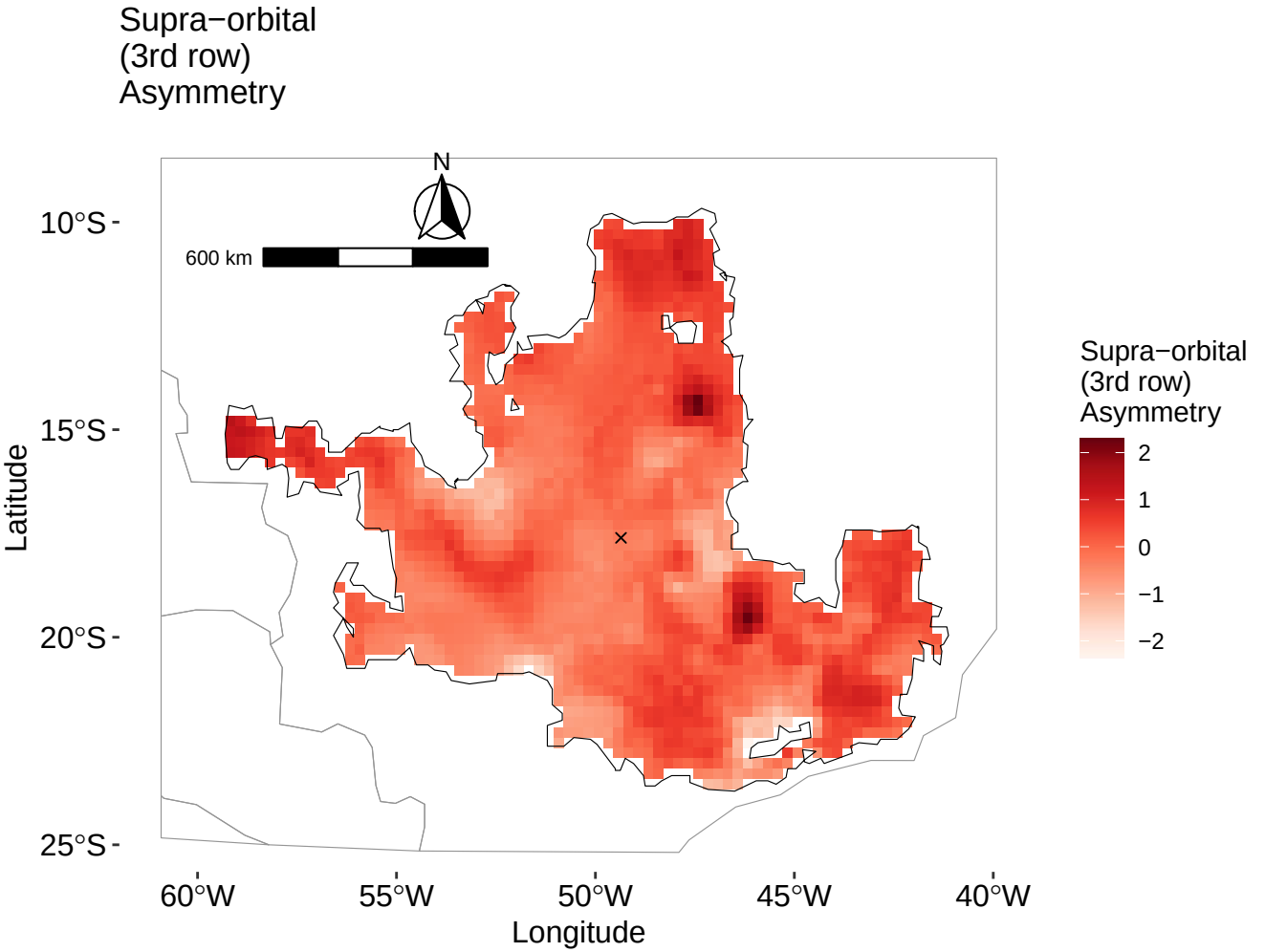

Infra−labial
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Infra−labial
Asymmetry
1
0

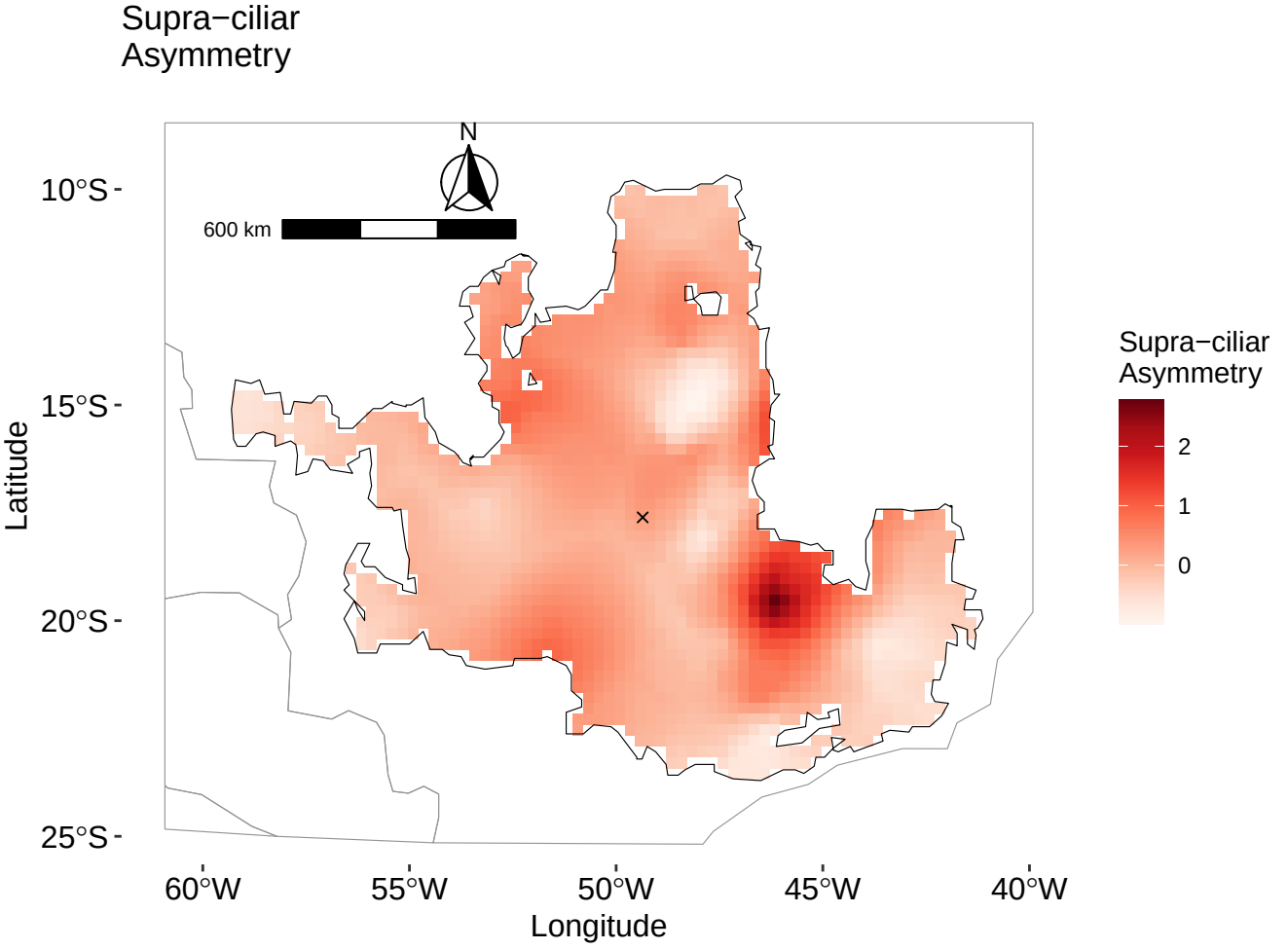

Loreal
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Loreal
Asymmetry
2
1
0
−1

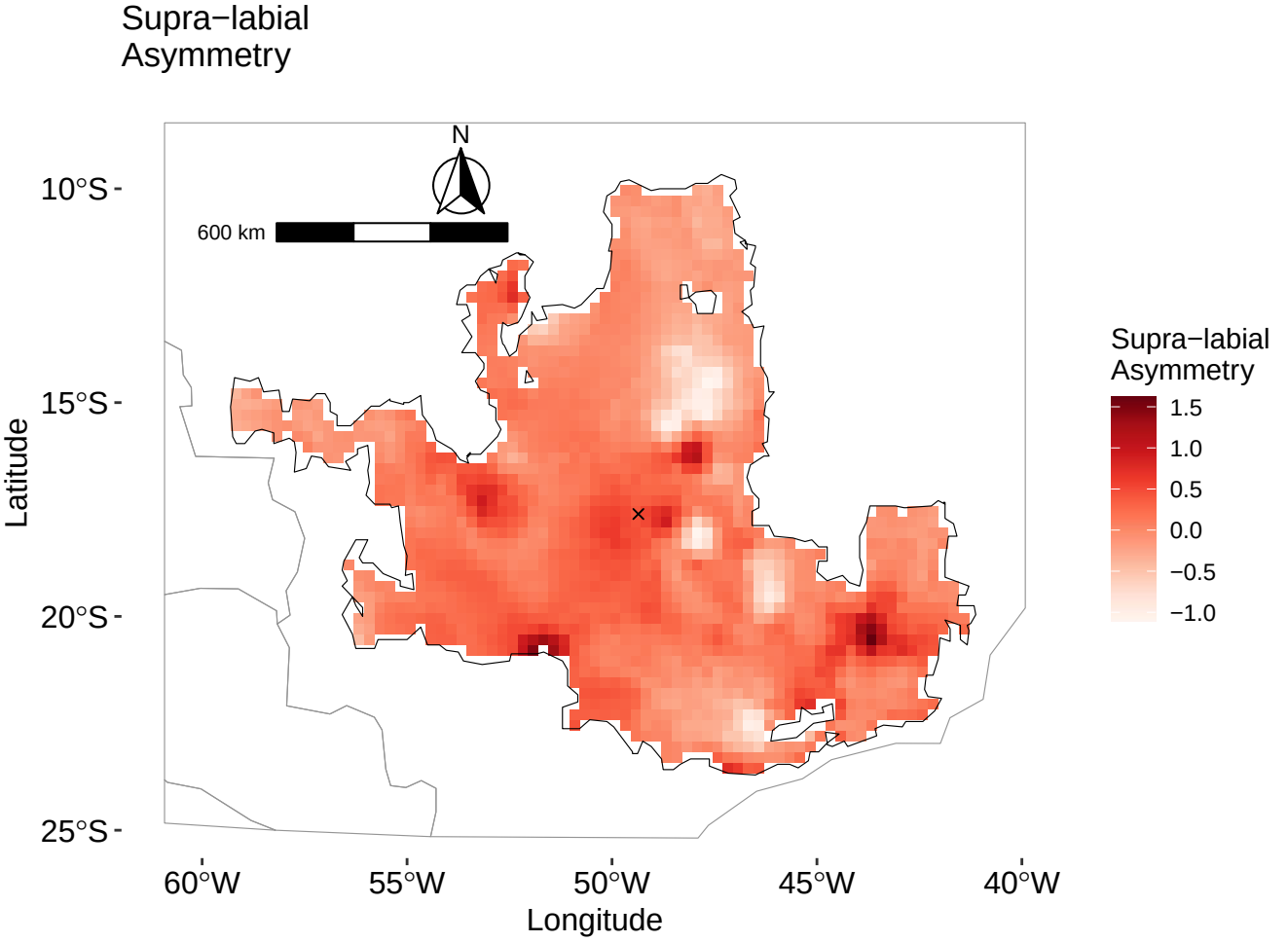

Post−rostral
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Post−rostral
Asymmetry
2
1
0
−1

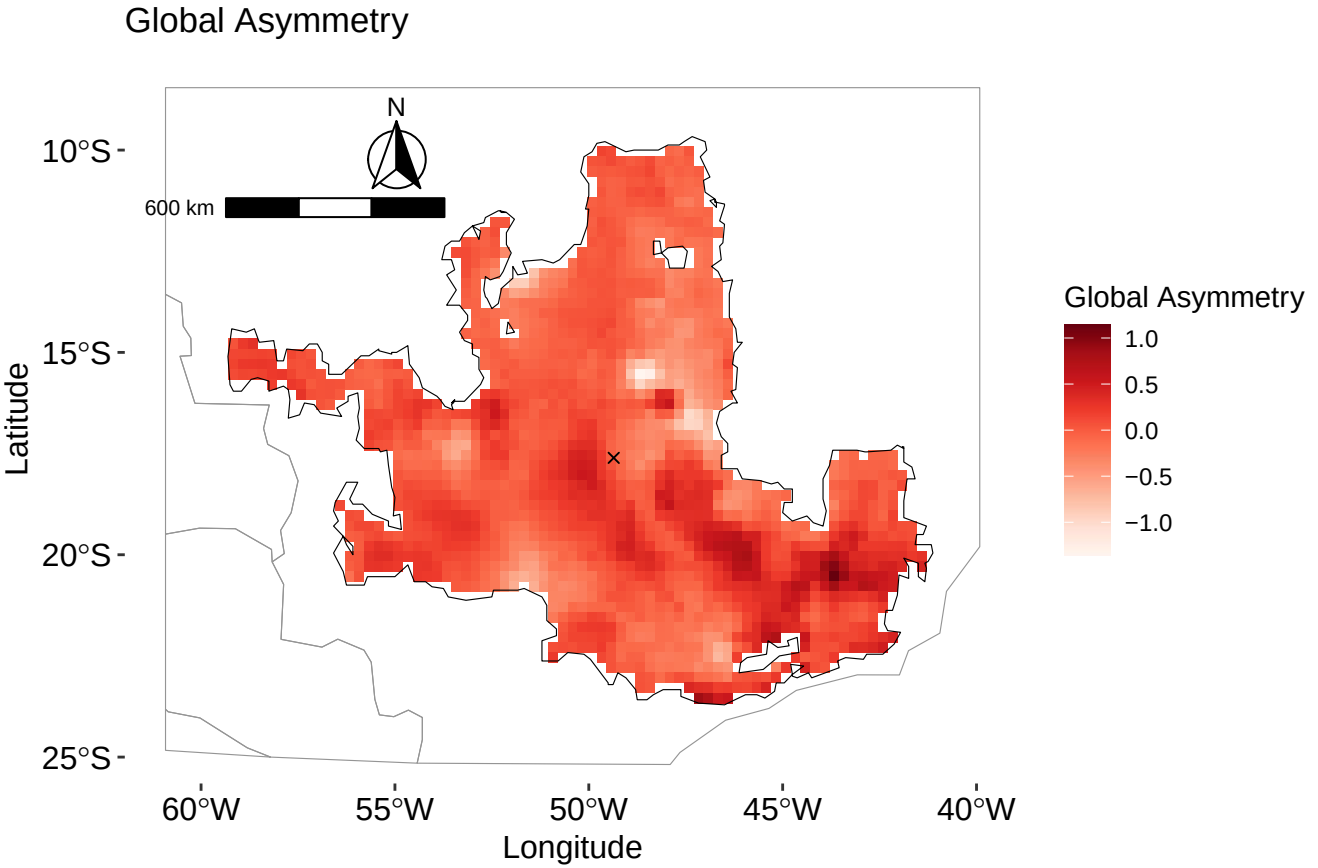

Supra−orbital
(1st row)
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−orbital
(1st row)
Asymmetry
1
0
−1

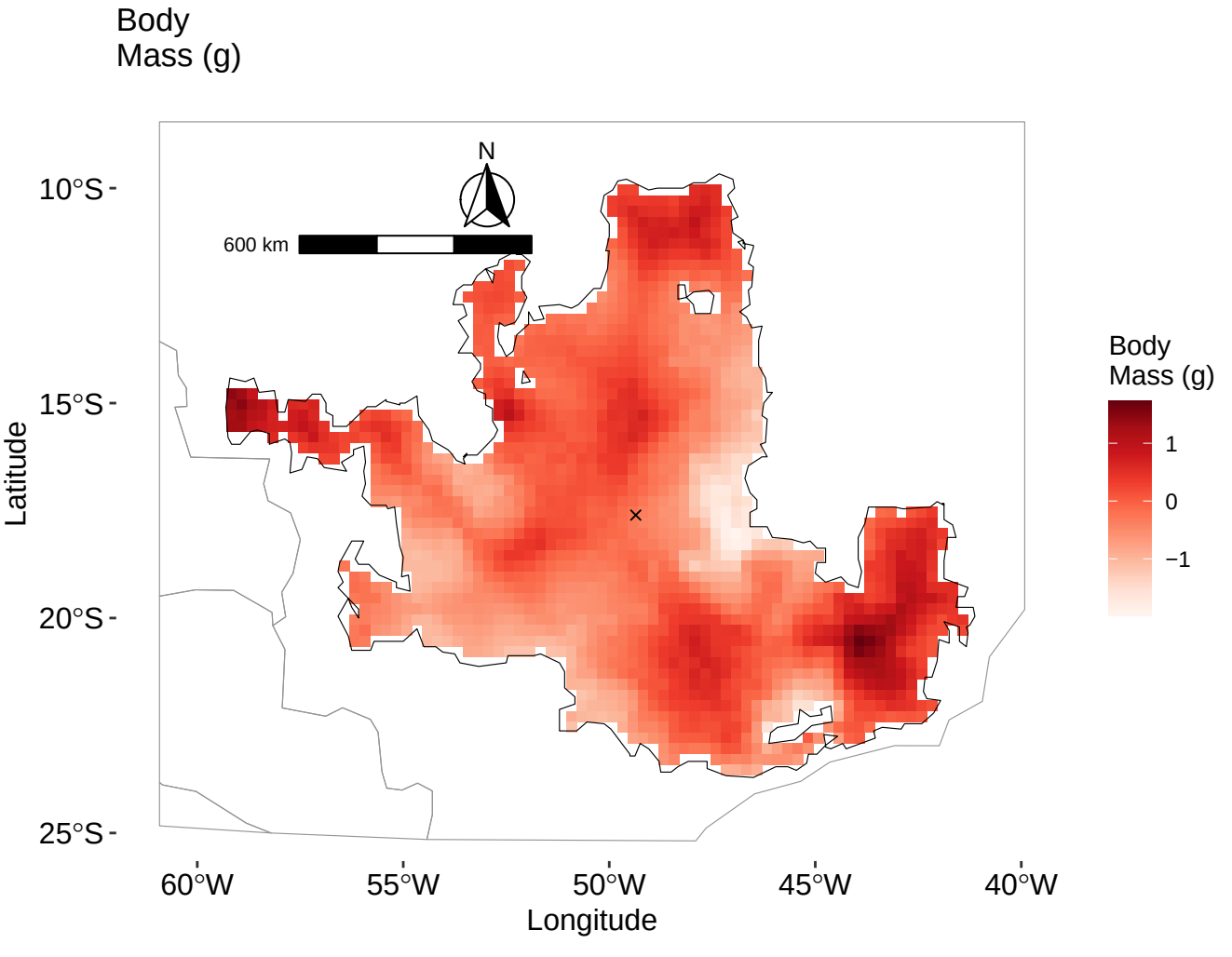

Supra−orbital
(2nd row)
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−orbital
(2nd row)
Asymmetry
2
1
0
−1
−2

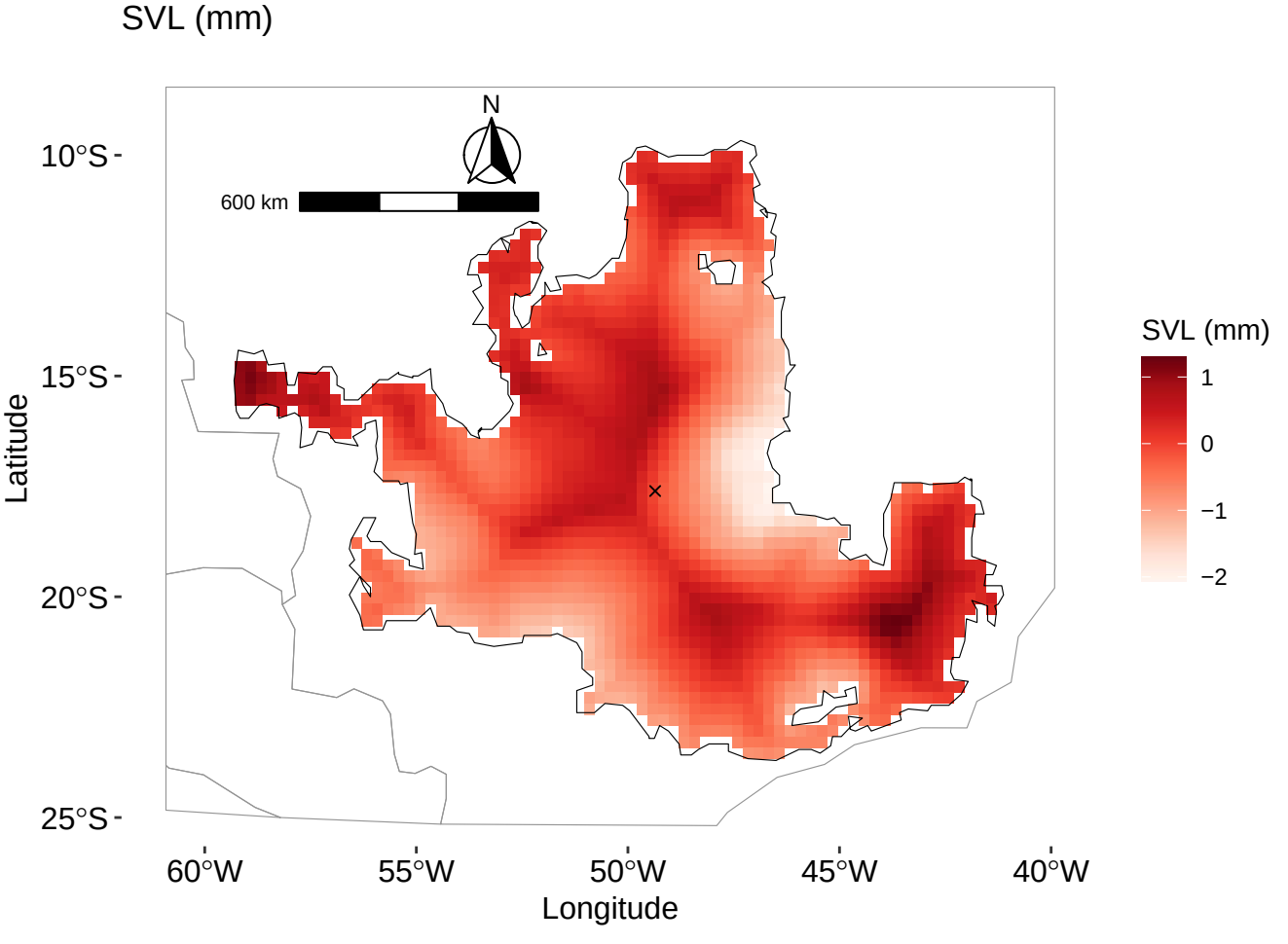

Supra−orbital
(3rd row)
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−orbital
(3rd row)
Asymmetry
2
1
0
−1
−2

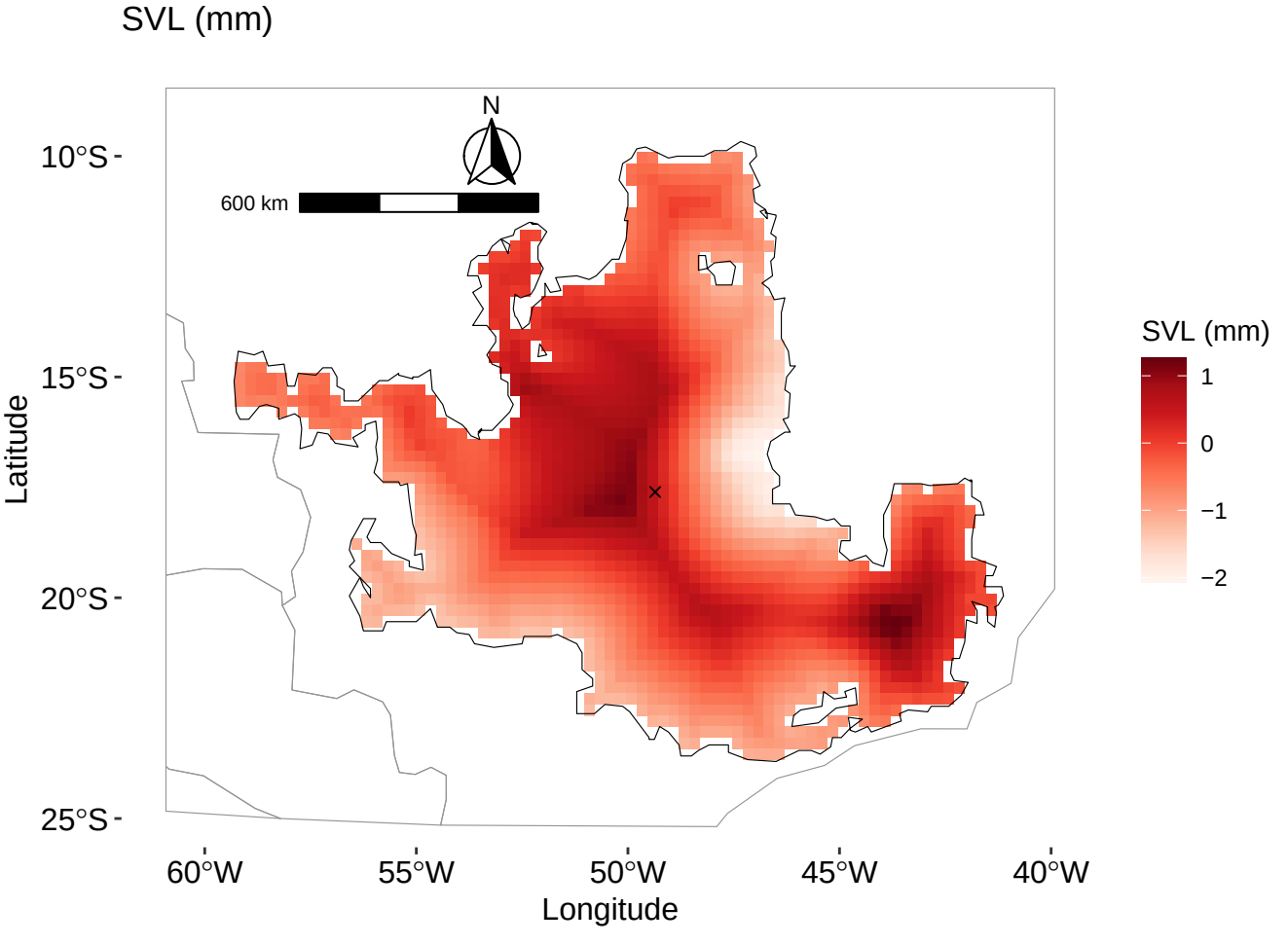

Supra−ciliar
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−ciliar
Asymmetry
2
1
0

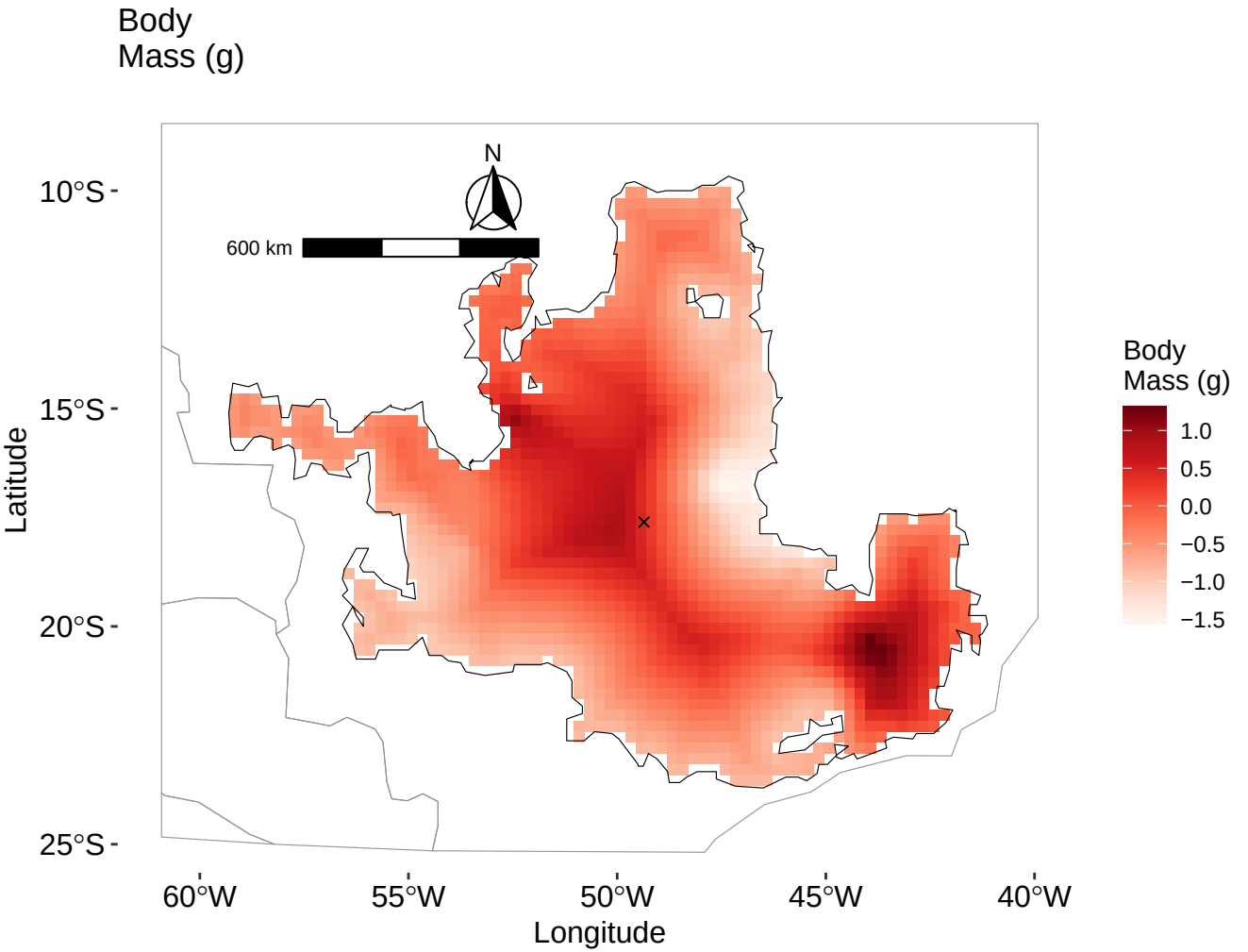

Supra−labial
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−labial
Asymmetry
1.5
1.0
0.5
0.0
−0.5
−1.0

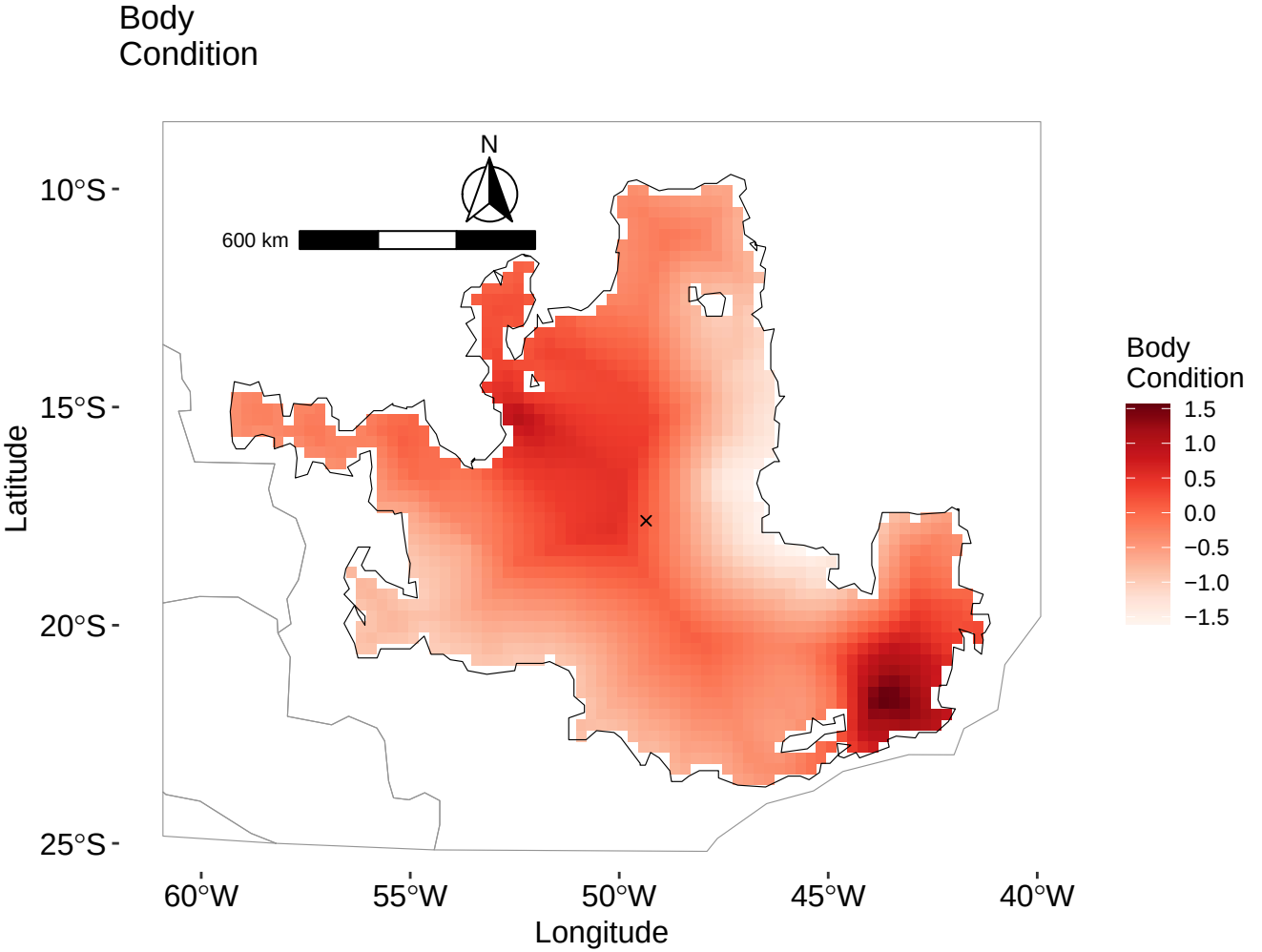

Global Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Global Asymmetry
1.0
0.5
0.0
−0.5
−1.0

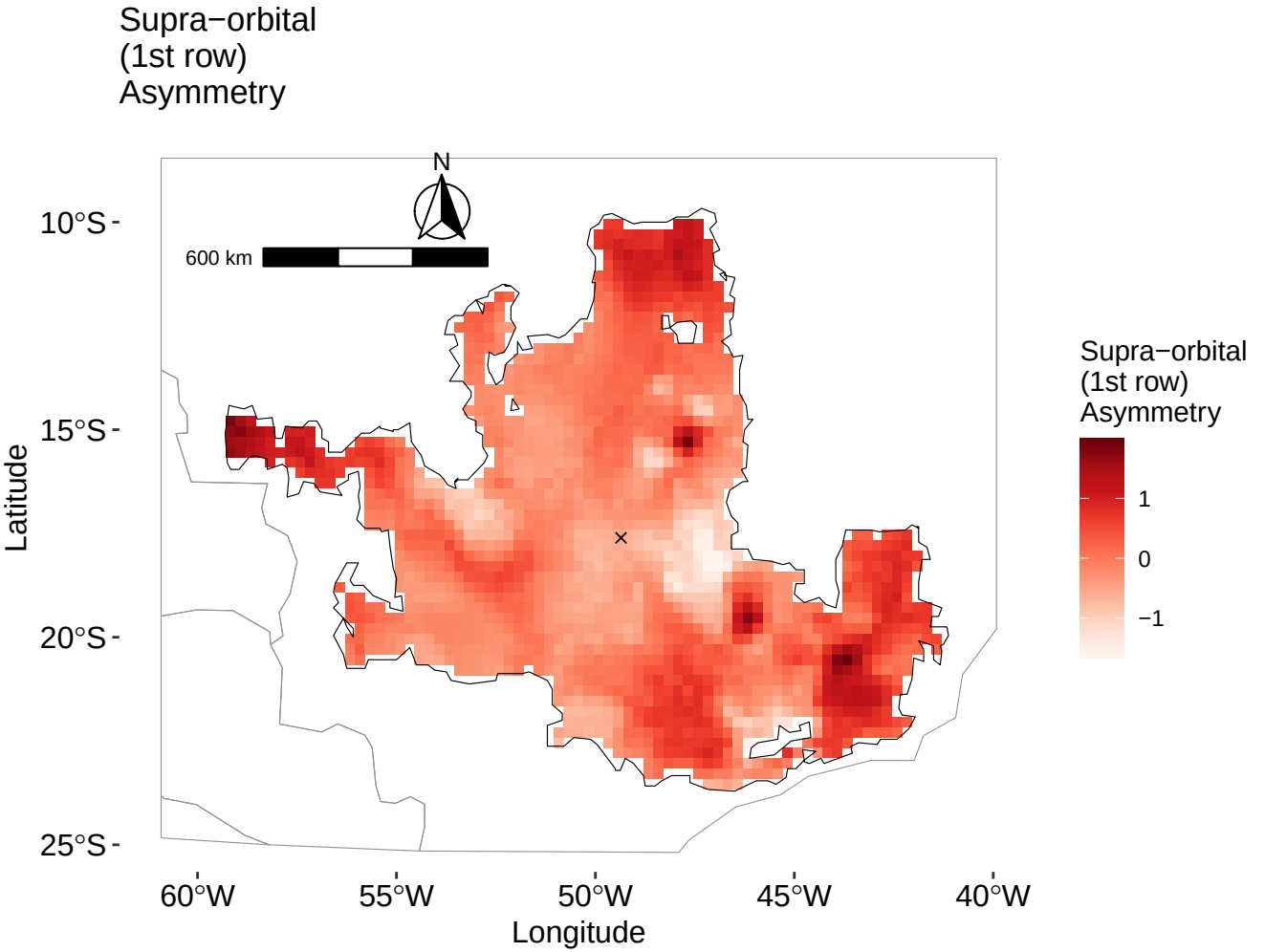

Body
Mass (g)
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Body
Mass (g)
1
0
−1

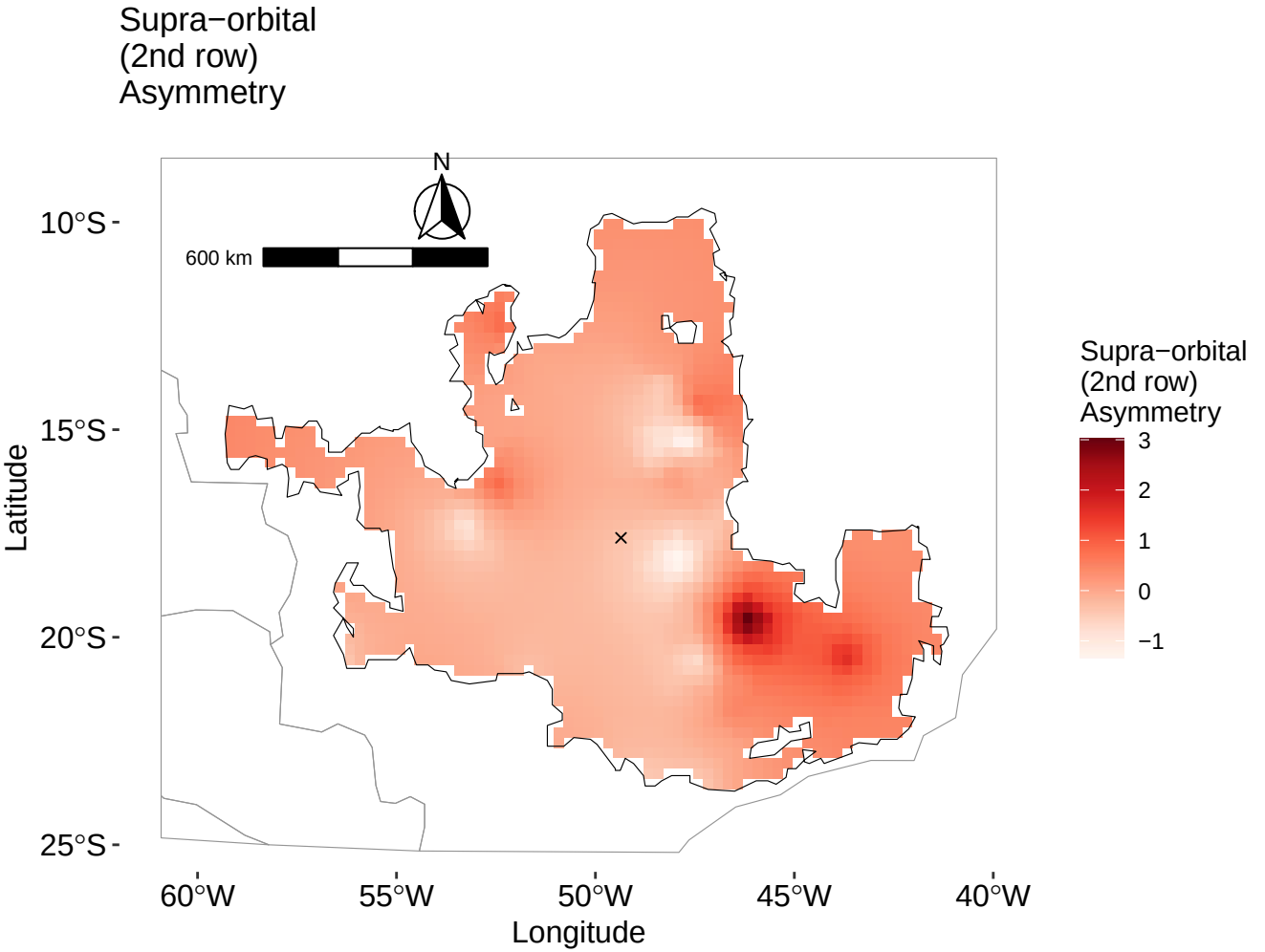

SVL (mm)
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
SVL (mm)
1
0
−1
−2

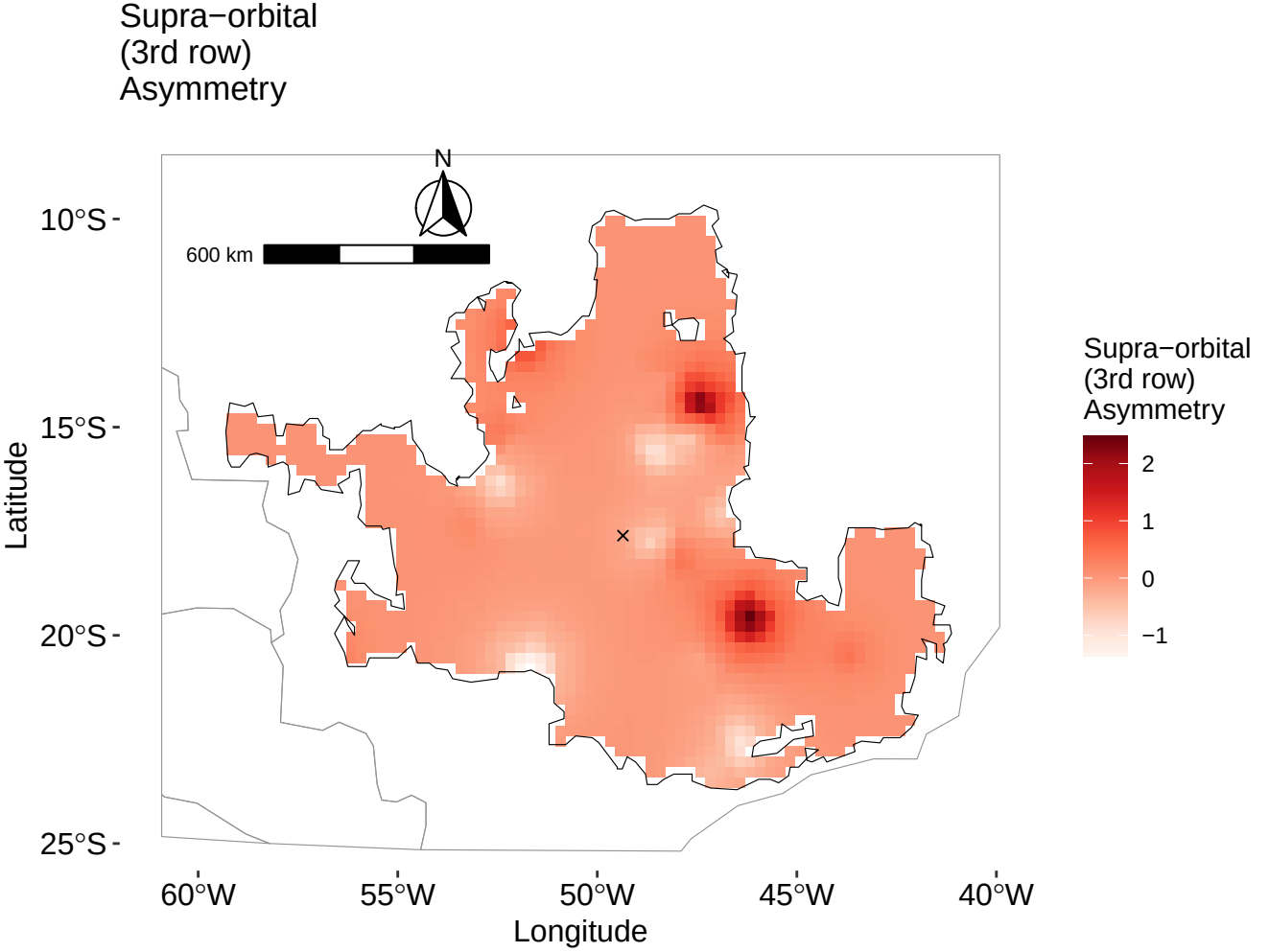

SVL (mm)
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
SVL (mm)
1
0
−1
−2

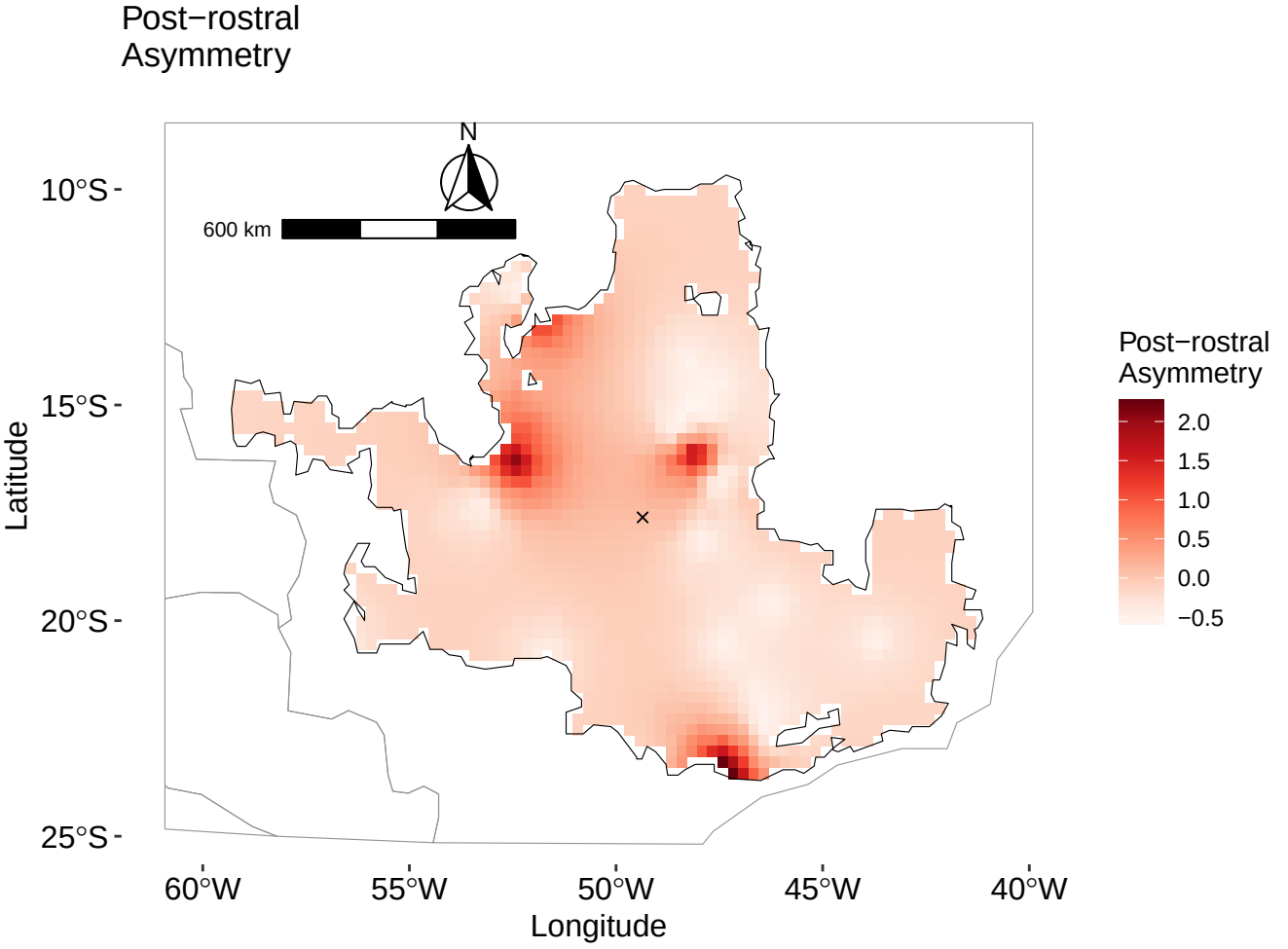

Body
Mass (g)
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Body
Mass (g)
1.0
0.5
0.0
−0.5
−1.0
−1.5

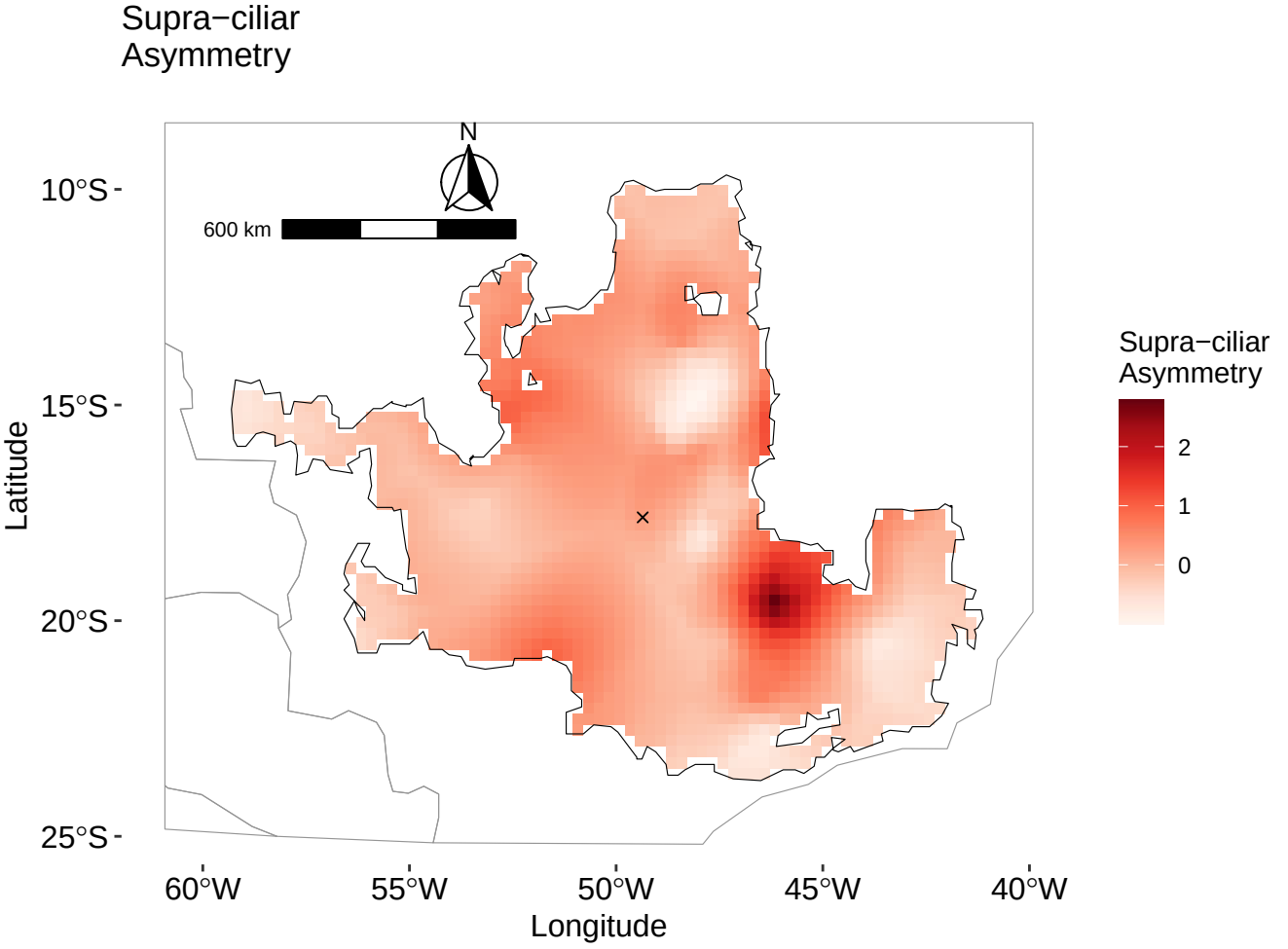

Body
Condition
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Body
Condition
1.5
1.0
0.5
0.0
−0.5
−1.0
−1.5

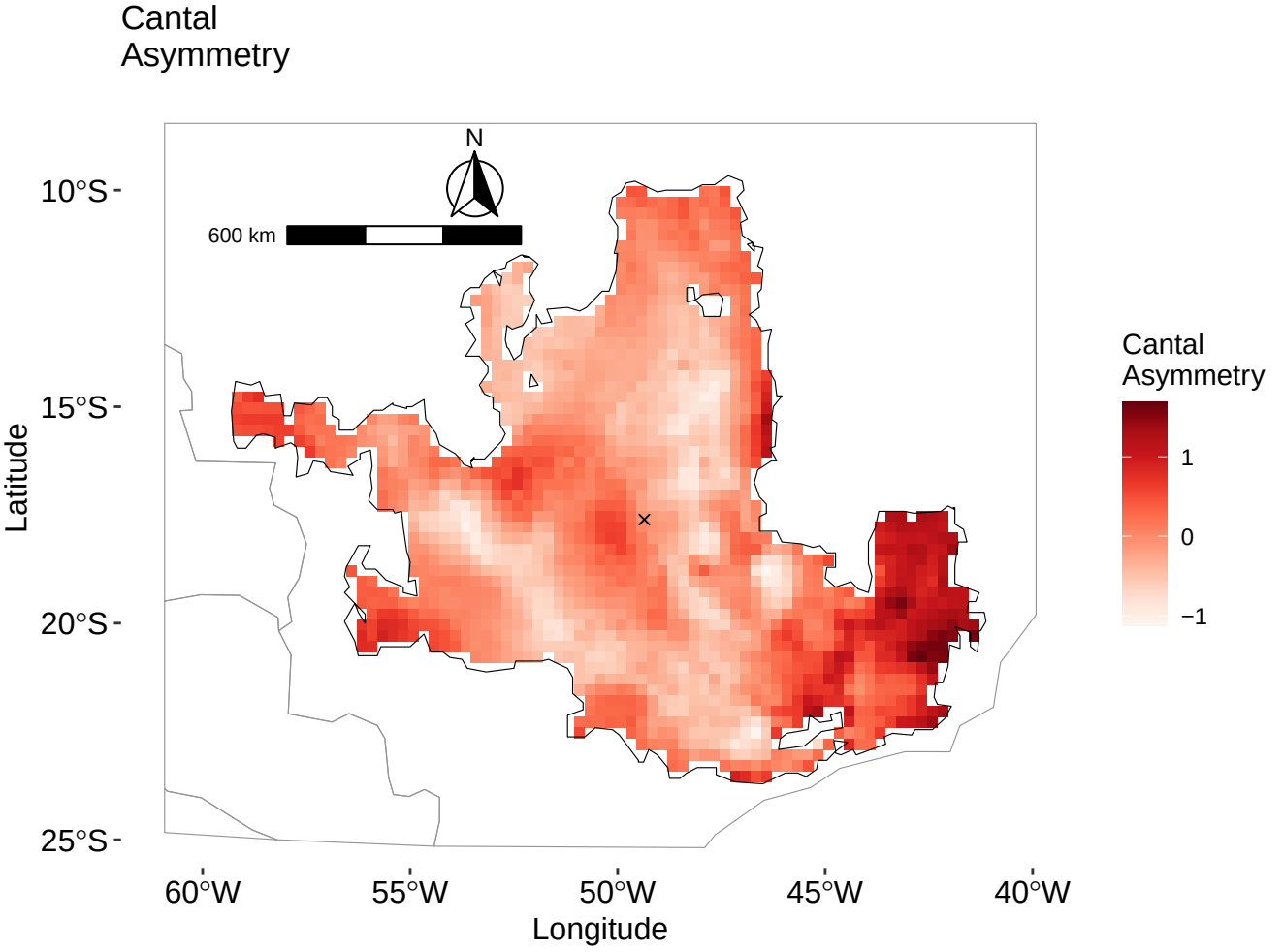

Supra−orbital
(1st row)
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−orbital
(1st row)
Asymmetry
1
0
−1

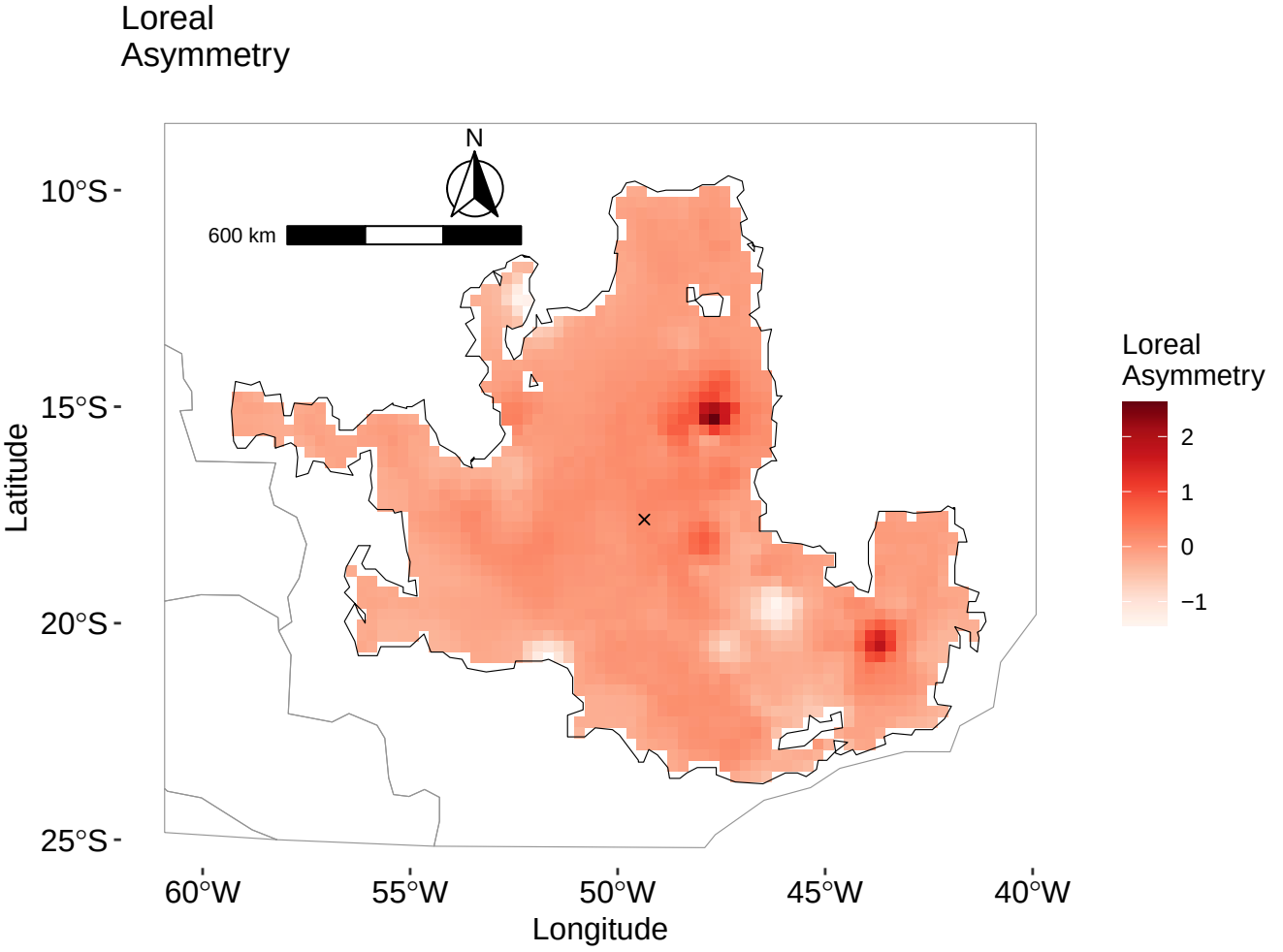

Supra−orbital
(2nd row)
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−orbital
(2nd row)
Asymmetry
3
2
1
0
−1

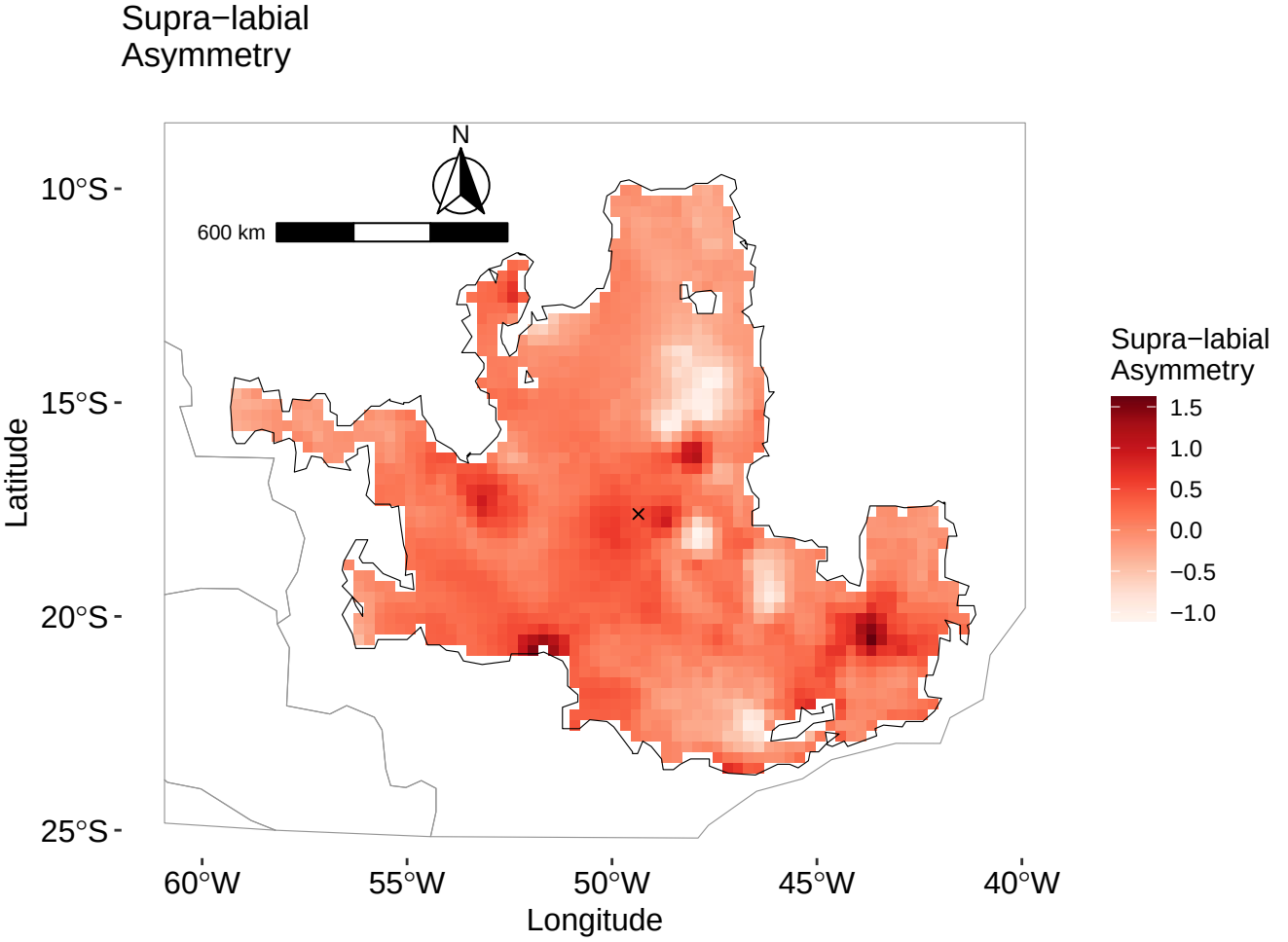

Supra−orbital
(3rd row)
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−orbital
(3rd row)
Asymmetry
2
1
0
−1

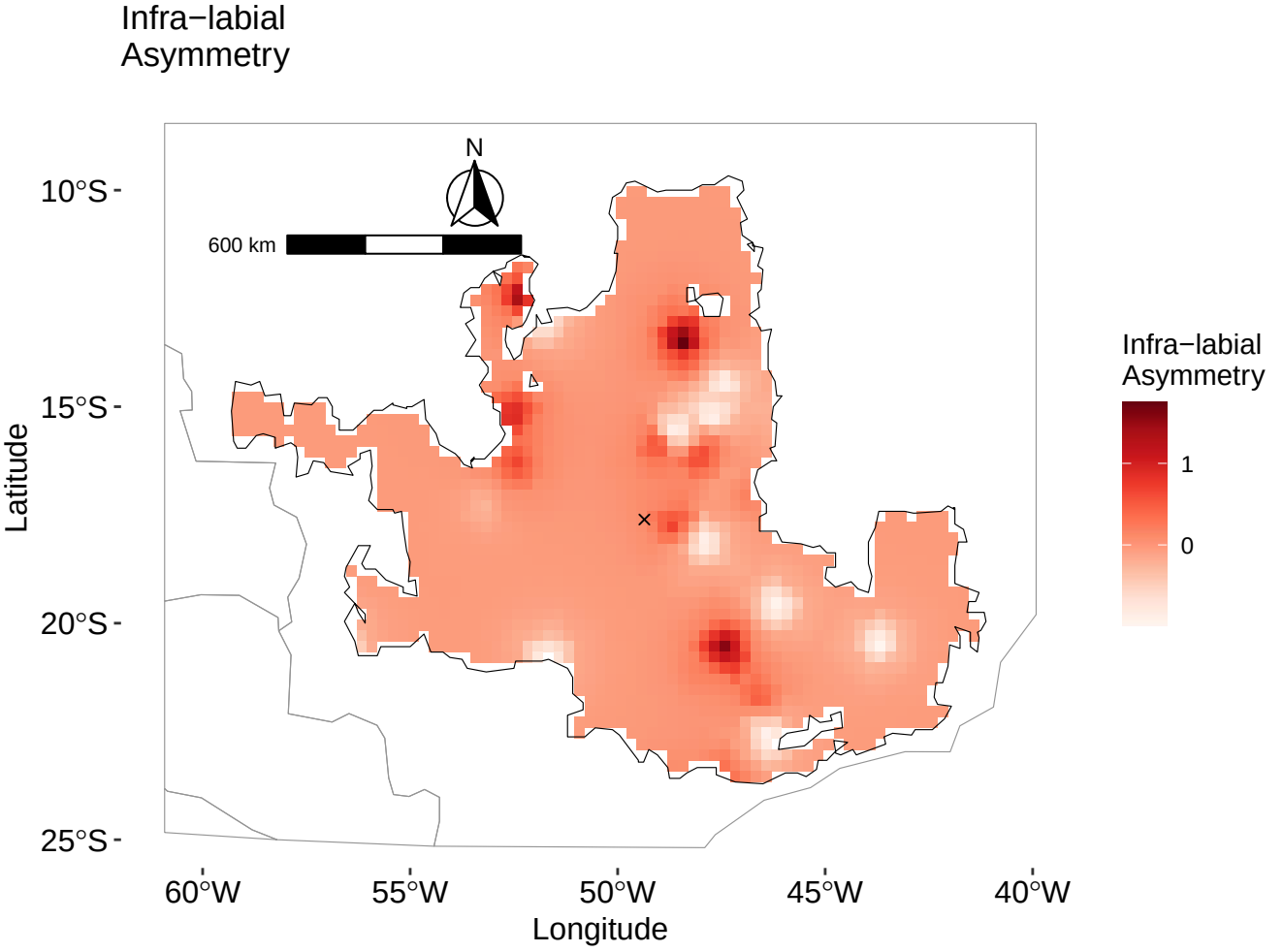

Post−rostral
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Post−rostral
Asymmetry
2.0
1.5
1.0
0.5
0.0
−0.5

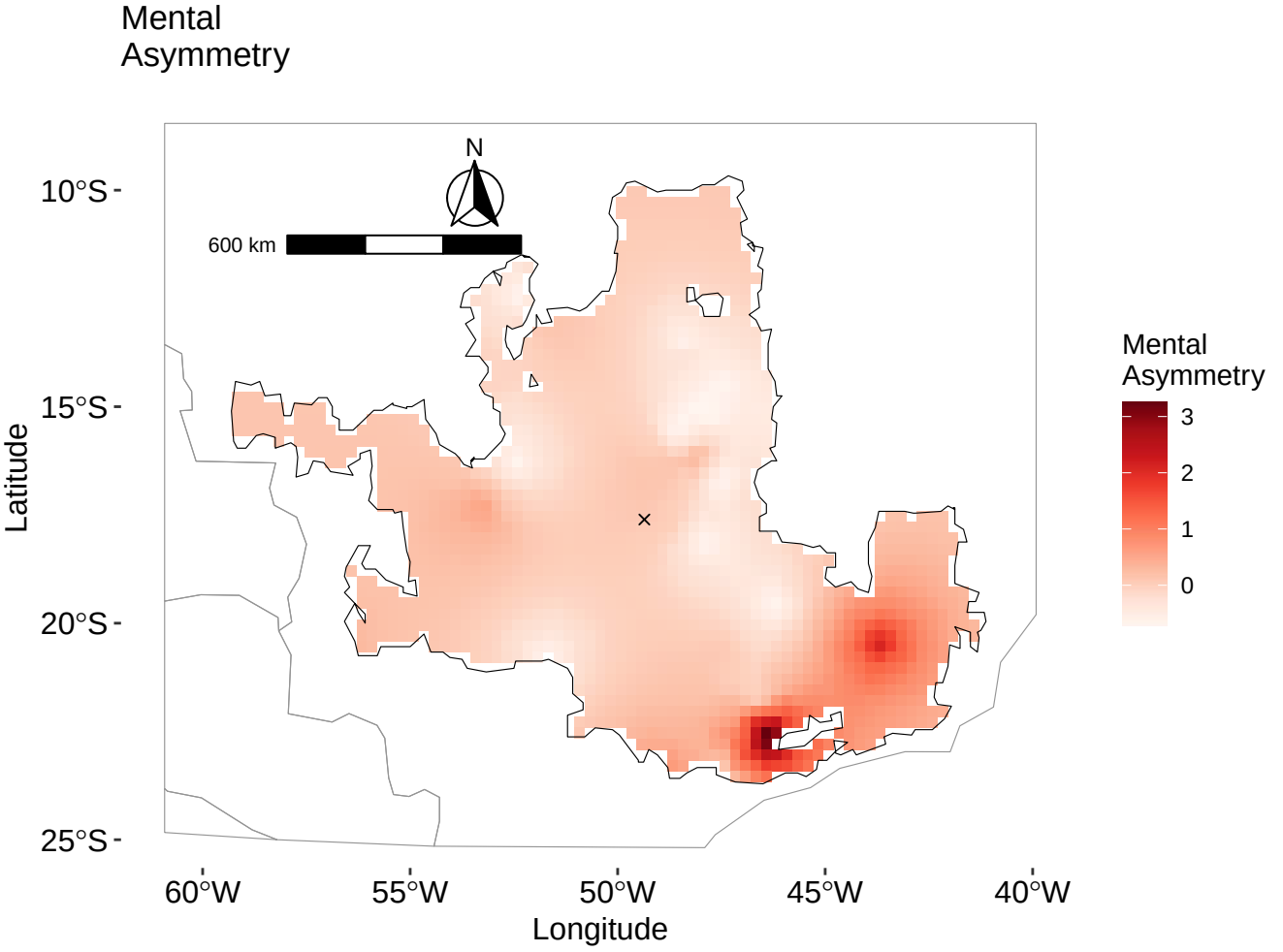

Supra−ciliar
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−ciliar
Asymmetry
2
1
0

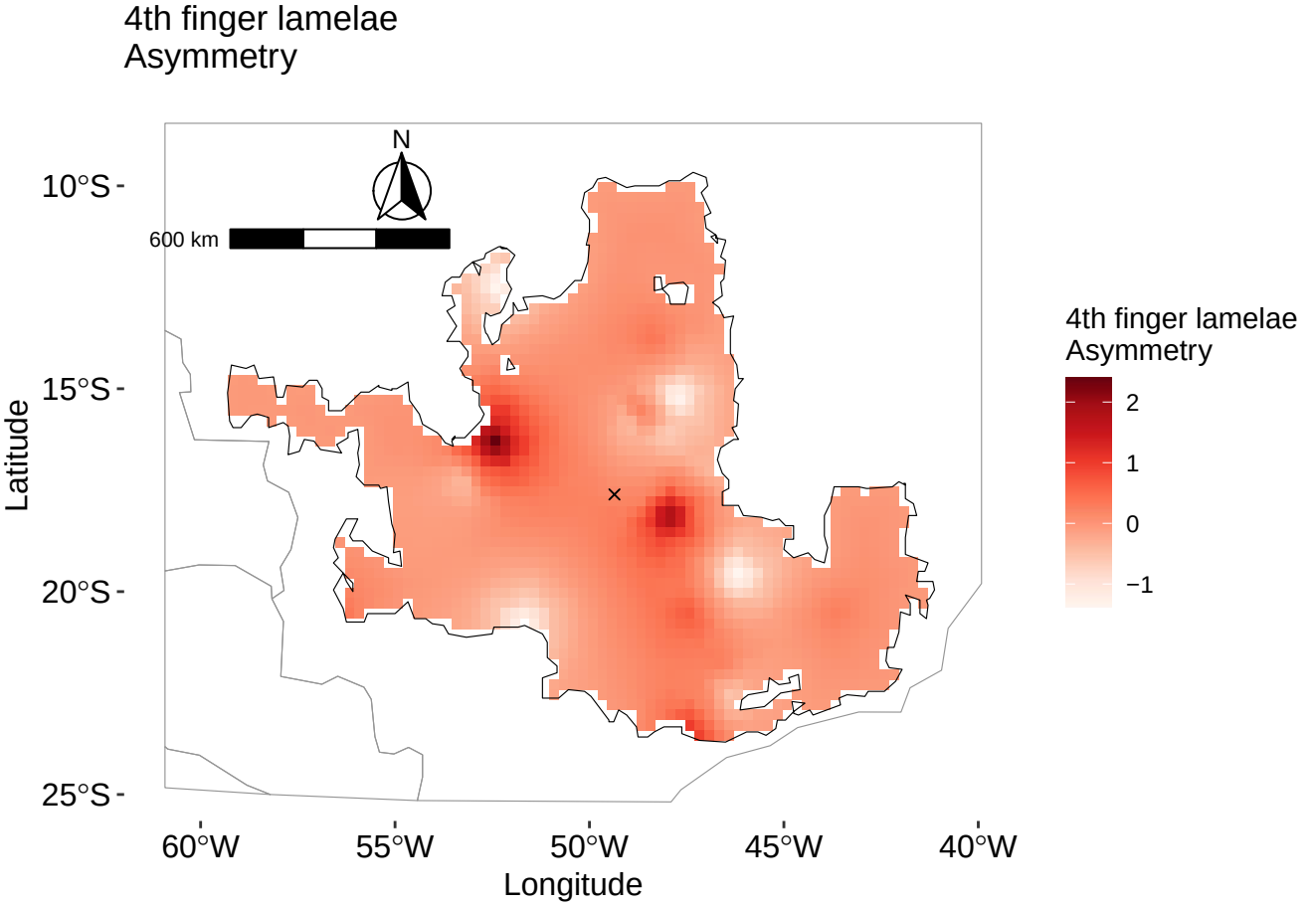

Cantal
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Cantal
Asymmetry
1
0
−1

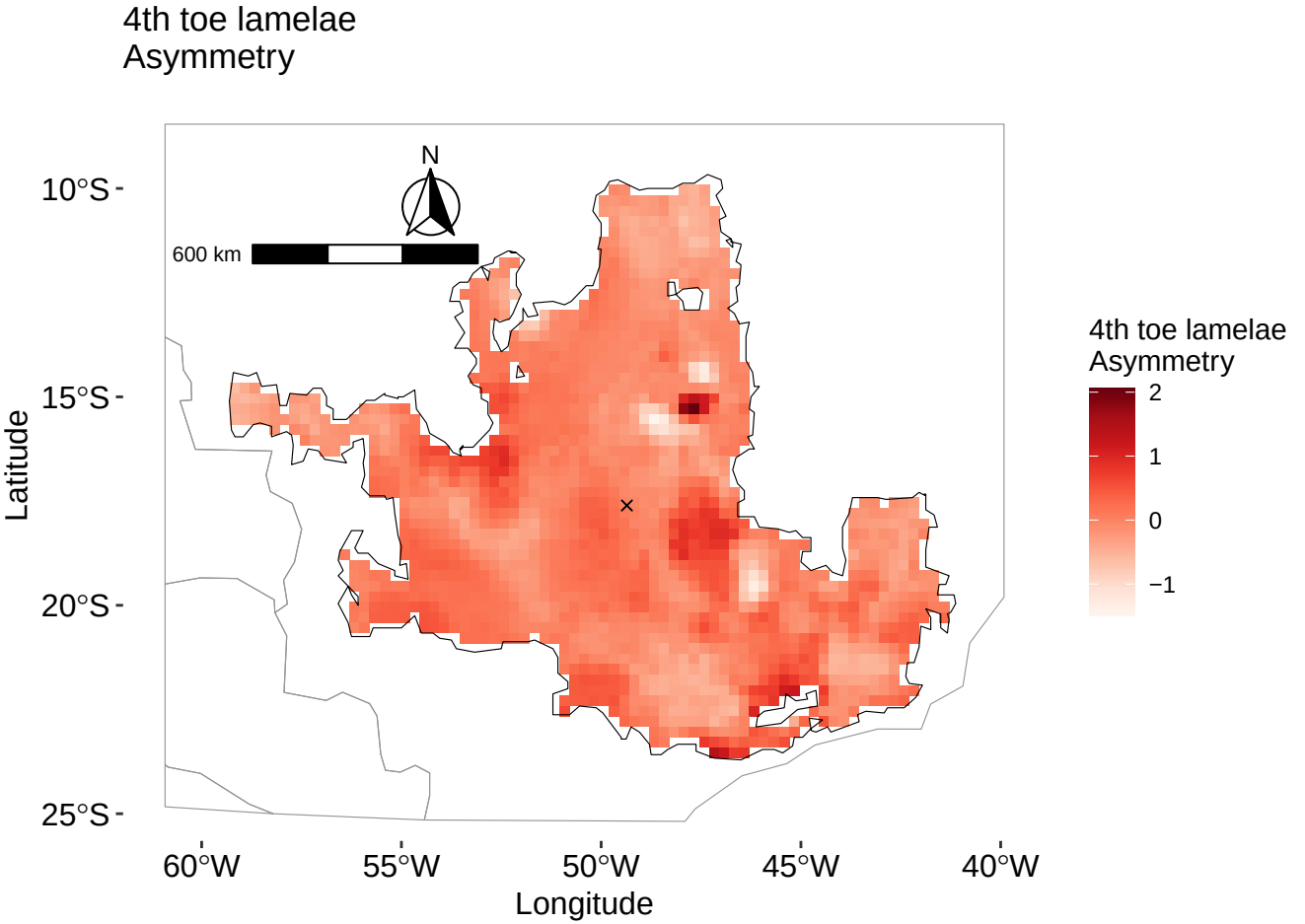

Loreal
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Loreal
Asymmetry
2
1
0
−1

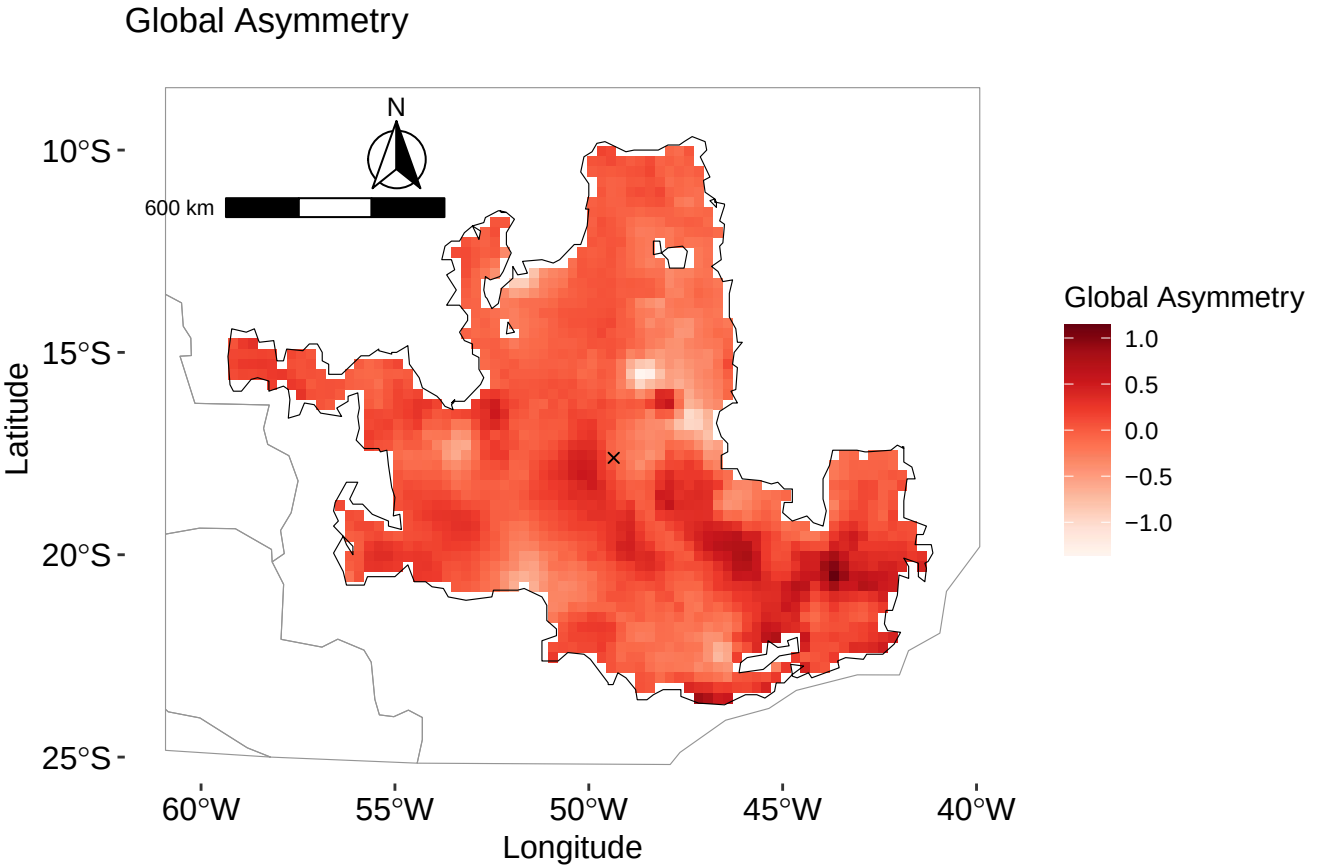

Supra−labial
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Supra−labial
Asymmetry
1.5
1.0
0.5
0.0
−0.5
−1.0

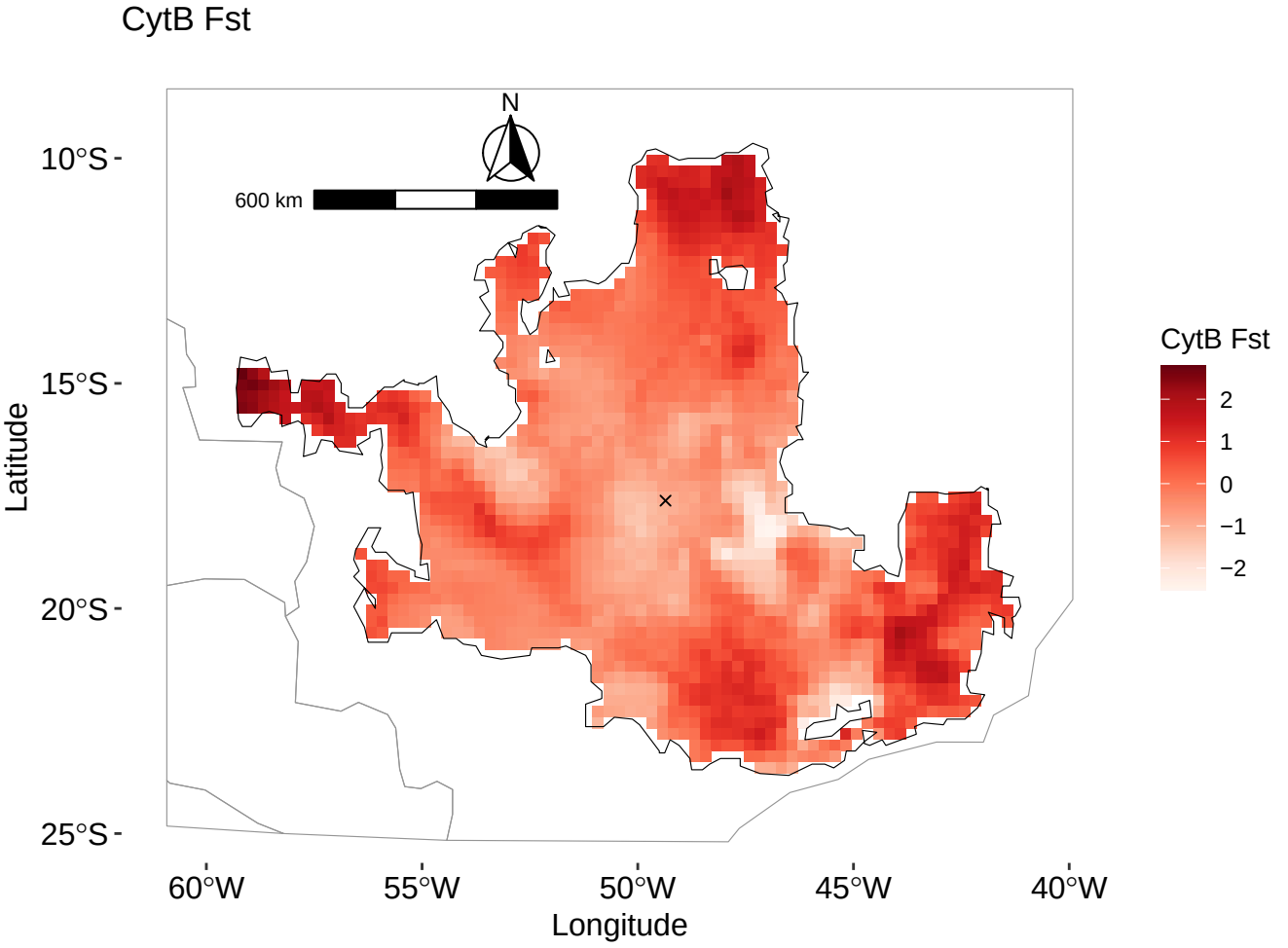

Infra−labial
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Infra−labial
Asymmetry
1
0

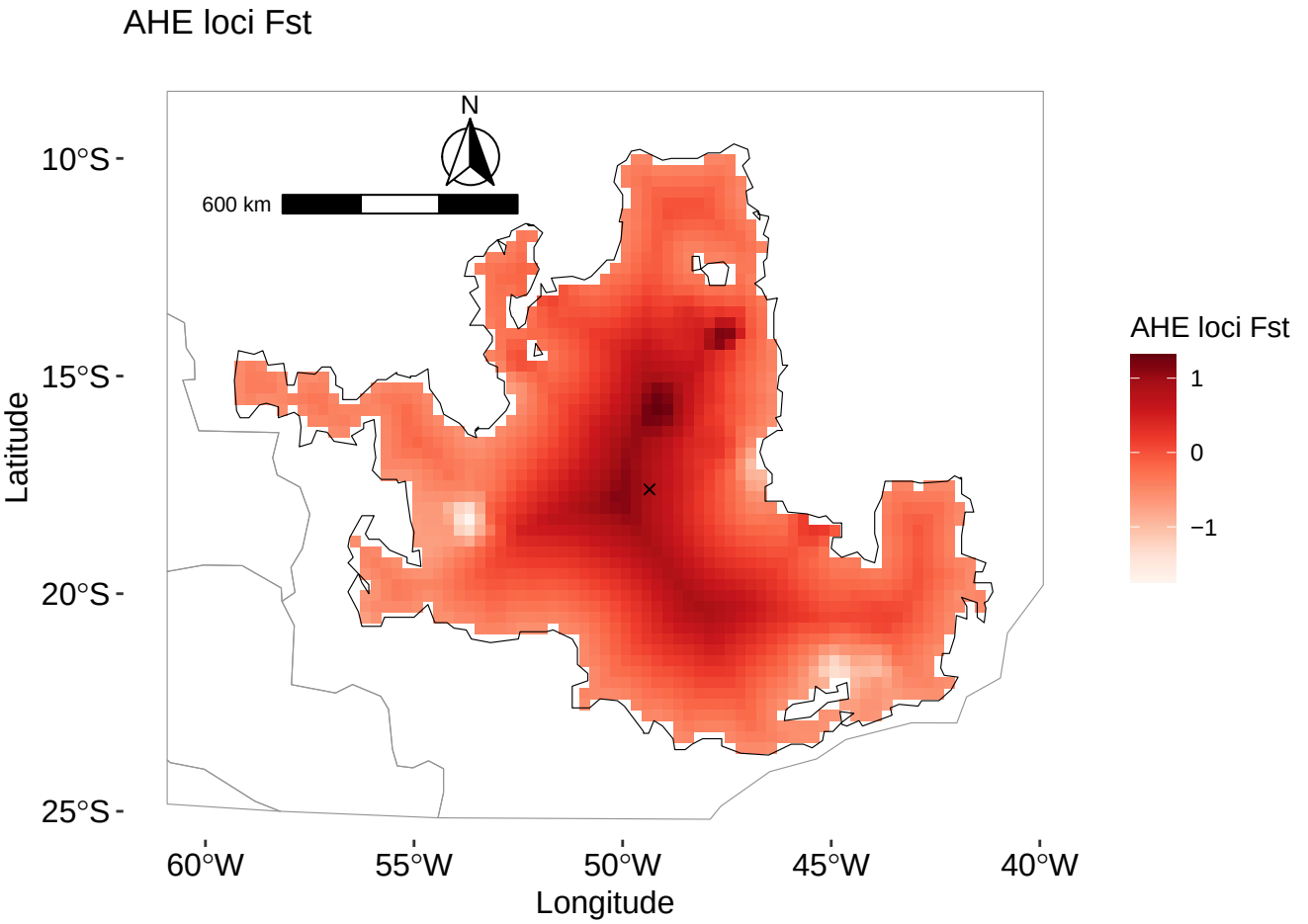

Mental
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Mental
Asymmetry
3
2
1
0

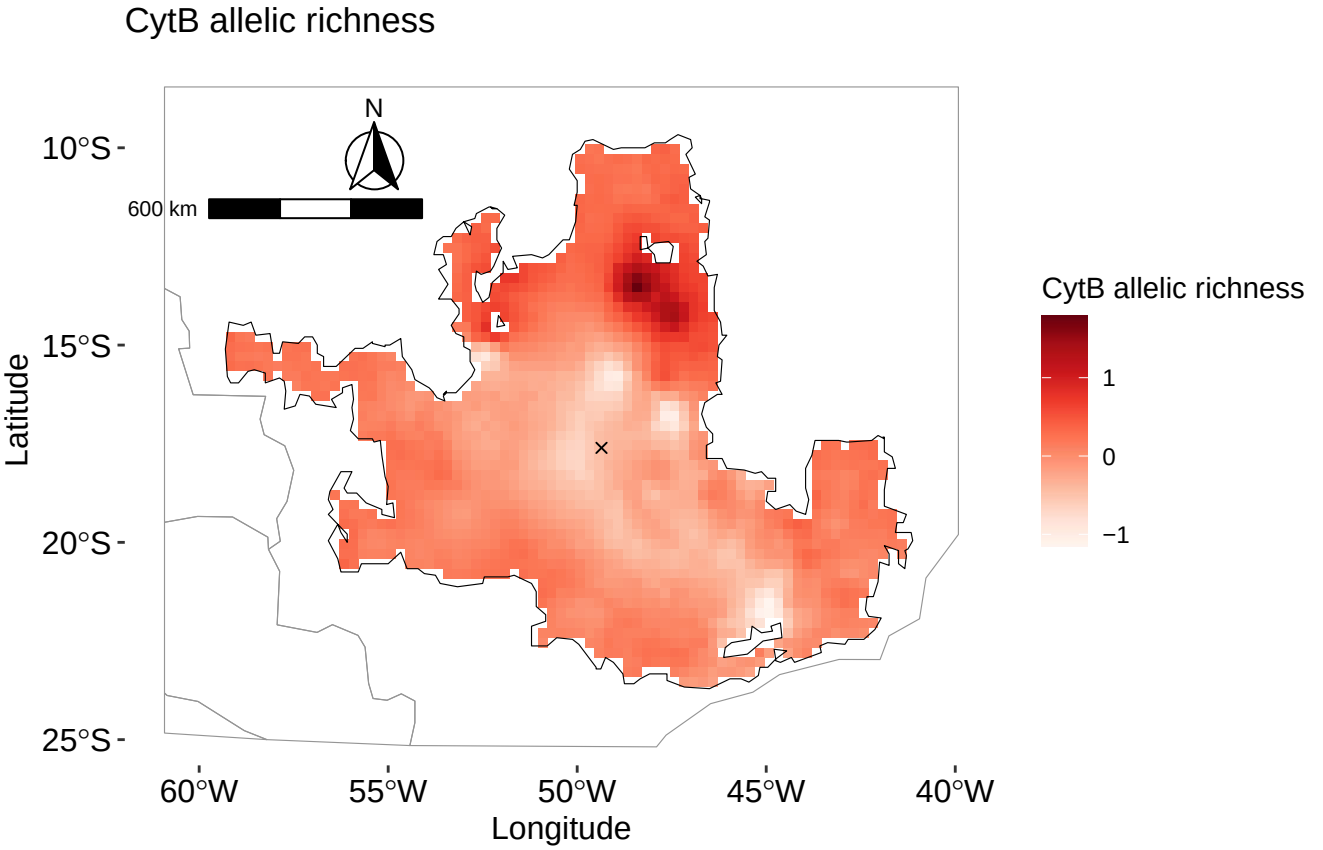

4th finger lamelae
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
4th finger lamelae
Asymmetry
2
1
0
−1

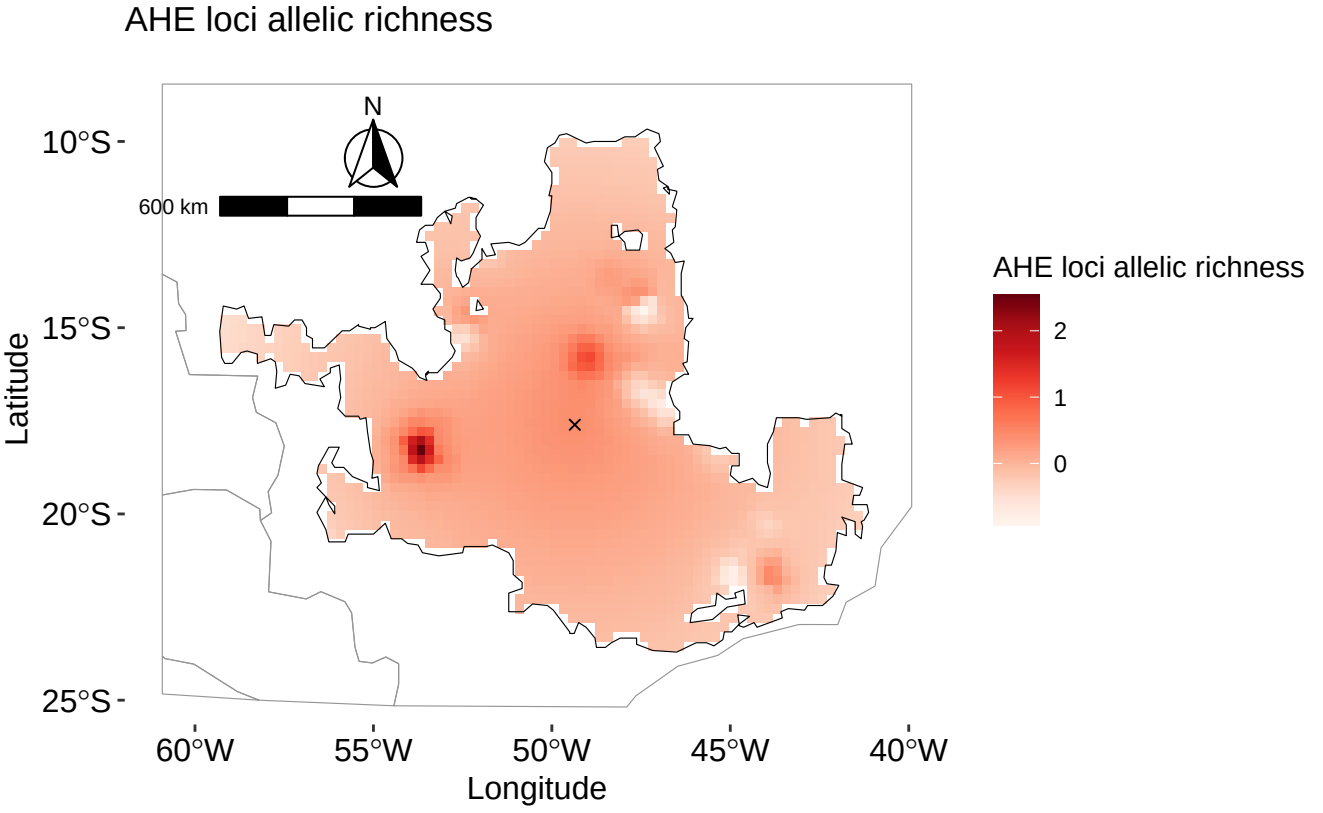

4th toe lamelae
Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
4th toe lamelae
Asymmetry
2
1
0
−1


Global Asymmetry
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
Global Asymmetry
1.0
0.5
0.0
−0.5
−1.0


CytB Fst
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
CytB Fst
2
1
0
−1
−2


AHE loci Fst
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
AHE loci Fst
1
0
−1


CytB allelic richness
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
CytB allelic richness
1
0
−1


AHE loci allelic richness
N
600 km
10°S
15°S
20°S
25°S
Latitude
60°W
55°W
50°W
45°W
40°W
Longitude
AHE loci allelic richness
2
1
0

Supporting Information: Table S1. Hyperparameters from the full model for each response variable. The best model was selected based on DIC. Values in bold refer to statistically significant predictors.

	Mean	SD	0.025 quantile	0.5 quantile	0.975 quantile	Mode
SVL						
Intercept	-0.176	0.440	-1.111	-0.162	0.678	-0.162
Suitability	0.072	0.306	-0.549	0.072	0.699	0.072
Centrality	0.624	0.491	-0.375	0.627	1.608	0.627
Peripherality	0.677	0.398	-0.143	0.682	1.464	0.681
Mass						
Intercept	-0.155	0.434	-1.101	-0.138	0.667	-0.142
Suitability	0.242	0.361	-0.499	0.246	0.960	0.246
Centrality	0.654	0.496	-0.364	0.660	1.631	0.659
Peripherality	0.476	0.431	-0.386	0.478	1.328	0.478
Body condition						
Intercept	-0.226	0.384	-1.031	-0.214	0.523	-0.212
Suitability	0.454	0.226	-0.006	0.453	0.918	0.453
Centrality	0.692	0.431	-0.202	0.704	1.533	0.706
Peripherality	0.291	0.305	-0.332	0.292	0.903	0.292
Supra-orbital (1st row)						
Intercept	0.021	0.191	-0.358	0.021	0.399	0.021
Suitability	0.360	0.263	-0.162	0.361	0.881	0.360
Centrality	**0.656**	**0.293**	**0.073**	**0.656**	**1.235**	**0.656**
Peripherality	0.202	0.241	-0.276	0.202	0.681	0.202
Supra-orbital (2nd row)						
Intercept	0.063	0.257	-0.438	0.059	0.592	0.059
Suitability	0.517	0.269	-0.012	0.517	1.047	0.517
Centrality	0.445	0.348	-0.267	0.452	1.115	0.451
Peripherality	-0.036	0.278	-0.591	-0.034	0.508	-0.034
Supra-orbital (3rd row)						
Intercept	0.028	0.226	-0.421	0.027	0.484	0.026
Suitability	0.399	0.273	-0.145	0.400	0.939	0.400
Centrality	0.499	0.325	-0.152	0.501	1.143	0.501
Peripherality	0.173	0.272	-0.370	0.173	0.715	0.173
Post-rostral						
Intercept	-0.034	0.270	-0.580	-0.032	0.496	-0.032
Suitability	0.223	0.293	-0.357	0.222	0.803	0.222
Centrality	-0.144	0.368	-0.882	-0.142	0.578	-0.142

Peripherality	-0.434	0.300	-1.028	-0.434	0.160	-0.434
Supra-ciliar						
Intercept	0.202	0.371	-0.514	0.187	0.994	0.131
Suitability	0.031	0.275	-0.513	0.031	0.575	0.031
Centrality	-0.358	0.422	-1.215	-0.351	0.469	-0.351
Peripherality	-0.235	0.310	-0.851	-0.235	0.378	-0.235
Cantal						
Intercept	0.189	0.491	-0.757	0.162	1.287	0.091
Suitability	-0.351	0.233	-0.817	-0.349	0.103	-0.349
Centrality	0.256	0.442	-0.617	0.250	1.155	0.249
Peripherality	0.243	0.269	-0.289	0.242	0.776	0.242
Loreal						
Intercept	-0.044	0.219	-0.482	-0.042	0.389	-0.042
Suitability	0.106	0.280	-0.447	0.105	0.660	0.105
Centrality	0.088	0.327	-0.553	0.085	0.743	0.084
Peripherality	0.199	0.270	-0.332	0.198	0.736	0.198
Supra-labial						
Intercept	0.073	0.256	-0.413	0.063	0.615	0.065
Suitability	-0.198	0.291	-0.772	-0.198	0.379	-0.198
Centrality	-0.102	0.353	-0.799	-0.104	0.607	-0.104
Peripherality	0.084	0.294	-0.492	0.081	0.679	0.081
Infra-labial						
Intercept	-0.010	0.231	-0.466	-0.011	0.450	-0.011
Suitability	-0.065	0.287	-0.629	-0.066	0.500	-0.066
Centrality	-0.073	0.335	-0.734	-0.073	0.591	-0.073
Peripherality	0.174	0.278	-0.373	0.172	0.728	0.172
Mental						
Intercept	-0.028	0.273	-0.587	-0.026	0.516	-0.026
Suitability	-0.485	0.256	-0.990	-0.484	0.020	-0.484
Centrality	0.283	0.350	-0.440	0.292	0.953	0.292
Peripherality	0.245	0.271	-0.297	0.248	0.775	0.248
4th ant lamelae						
Intercept	0.023	0.297	-0.579	0.025	0.608	0.025
Suitability	0.156	0.301	-0.439	0.156	0.751	0.155
Centrality	0.092	0.393	-0.682	0.090	0.877	0.090
Peripherality	0.052	0.313	-0.569	0.052	0.671	0.052
4th post lamelae						
Intercept	0.011	0.207	-0.398	0.011	0.421	0.011
Suitability	-0.303	0.284	-0.865	-0.303	0.260	-0.303
Centrality	-0.157	0.317	-0.784	-0.157	0.470	-0.157
Peripherality	0.070	0.261	-0.446	0.069	0.587	0.069
Global asymmetry						

Intercept	0.031	0.224	-0.406	0.028	0.489	0.028
Suitability	-0.194	0.284	-0.754	-0.195	0.373	-0.195
Centrality	0.125	0.329	-0.528	0.124	0.781	0.124
Peripherality	0.243	0.275	-0.306	0.243	0.791	0.243
CytB Fst						
Intercept	0.005	0.266	-0.515	0.001	0.548	0.002
Suitability	0.560	0.353	-0.136	0.558	1.267	0.558
Centrality	**0.970**	**0.368**	**0.233**	**0.972**	**1.695**	**0.972**
Peripherality	0.202	0.303	-0.403	0.202	0.800	0.202
AHE loci Fst						
Intercept	-0.040	0.267	-0.580	-0.037	0.482	-0.038
Suitability	-0.375	0.356	-1.080	-0.373	0.323	-0.373
Centrality	-0.522	0.365	-1.245	-0.523	0.204	-0.522
Peripherality	0.385	0.302	-0.205	0.382	0.996	0.383
CytB allelic richness						
Intercept	0.005	0.351	-0.740	0.015	0.677	0.012
Suitability	0.364	0.439	-0.486	0.358	1.244	0.356
Centrality	0.482	0.465	-0.433	0.479	1.413	0.479
Peripherality	-0.156	0.375	-0.898	-0.156	0.584	-0.157
AHE loci allelic richness						
Intercept	0.042	0.245	-0.443	0.042	0.530	0.042
Suitability	0.174	0.372	-0.558	0.172	0.912	0.173
Centrality	0.216	0.353	-0.488	0.217	0.910	0.217
Peripherality	**0.577**	**0.285**	**0.022**	**0.573**	**1.154**	**0.573**

Supporting Information: Table S2. Hyperparameters from the best model for each response variable. The best model was selected based on DIC. Values in bold refer to statistically significant predictors.

	Mean	SD	0.025 quantile	0.5 quantile	0.975 quantile	Mode
SVL						
Intercept	-0.120	0.441	-1.014	-0.117	0.765	-0.117
Peripherality	0.578	0.343	-0.119	0.584	1.246	0.585
Mass						
Intercept	-0.124	0.448	-1.039	-0.121	0.769	-0.121
Peripherality	0.422	0.389	-0.360	0.425	1.189	0.425
Body condition						
Intercept	-0.099	0.470	-1.036	-0.101	0.852	-0.100
Peripherality	0.310	0.358	-0.422	0.315	1.010	0.315
Supra-orbital (1st row)						
Intercept	0.021	0.191	-0.358	0.021	0.399	0.021
Suitability	0.360	0.263	-0.162	0.361	0.881	0.360
Centrality	**0.656**	**0.293**	**0.073**	**0.656**	**1.235**	**0.656**
Peripherality	0.202	0.241	-0.276	0.202	0.681	0.202
Supra-orbital (2nd row)						
Intercept	0.056	0.302	-0.543	0.052	0.678	0.053
Centrality	0.123	0.346	-0.593	0.132	0.789	0.131
Peripherality	-0.009	0.307	-0.632	-0.004	0.583	-0.004
Supra-orbital (3rd row)						
Intercept	0.036	0.227	-0.406	0.033	0.496	0.033
Post-rostral						
Intercept	-0.038	0.272	-0.587	-0.035	0.496	-0.036
Centrality	-0.033	0.280	-0.606	-0.027	0.507	-0.027
Supra-ciliar						
Intercept	0.201	0.361	-0.495	0.187	0.969	0.187
Centrality	-0.377	0.379	-1.149	-0.370	0.364	-0.370
Peripherality	-0.235	0.302	-0.834	-0.234	0.363	-0.234
Cantal						
Intercept	0.189	0.491	-0.757	0.162	1.287	0.091
Suitability	-0.351	0.233	-0.817	-0.349	0.103	-0.349
Centrality	0.256	0.442	-0.617	0.250	1.155	0.249
Peripherality	0.243	0.269	-0.289	0.242	0.776	0.242
Loreal						

Intercept	-0.044	0.205	-0.449	-0.044	0.362	-0.044
Suitability	0.121	0.270	-0.410	0.120	0.655	0.120
Centrality	-0.034	0.281	-0.585	-0.035	0.526	-0.035
Supra-labial						
Intercept	0.073	0.256	-0.413	0.063	0.615	0.065
Suitability	-0.198	0.291	-0.772	-0.198	0.379	-0.198
Centrality	-0.102	0.353	-0.799	-0.104	0.607	-0.104
Peripherality	0.084	0.294	-0.492	0.081	0.679	0.081
Infra-labial						
Intercept	-0.03	0.205	-0.437	-0.029	0.375	-0.029
Mental						
Intercept	0.129	0.278	-0.406	0.122	0.703	0.123
4th ant lamelae						
Intercept	0.024	0.258	-0.495	0.026	0.529	0.026
Peripherality	0.062	0.246	-0.425	0.062	0.549	0.062
4th post lamelae						
Intercept	0.004	0.198	-0.388	0.003	0.396	0.004
Suitability	-0.166	0.201	-0.561	-0.166	0.231	-0.166
Global asymmetry						
Intercept	0.055	0.222	-0.374	0.051	0.511	0.051
Peripherality	0.085	0.220	-0.350	0.084	0.526	0.084
CytB Fst						
Intercept	0.005	0.266	-0.515	0.001	0.548	0.002
Suitability	0.560	0.353	-0.136	0.558	1.267	0.558
Centrality	**0.970**	**0.368**	**0.233**	**0.972**	**1.695**	**0.972**
Peripherality	0.202	0.303	-0.403	0.202	0.800	0.202
AHE loci Fst						
Intercept	-0.036	0.272	-0.600	-0.029	0.484	-0.030
Peripherality	0.409	0.259	-0.101	0.407	0.930	0.407
CytB allelic richness						
Intercept	0.042	0.346	-0.649	0.041	0.735	0.041
Suitability	0.116	0.362	-0.599	0.115	0.834	0.115
Peripherality	-0.215	0.380	-0.970	-0.214	0.536	-0.214
AHE loci allelic richness						
Intercept	0.033	0.286	-0.535	0.033	0.606	0.033
Centrality	-0.167	0.295	-0.755	-0.166	0.420	-0.166

Range dynamics in a Neotropical lizard under climate change: Prospects for rear, stable, and lead populations

Running title: Range dynamics from a Neotropical lizard

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Conflict of interest statement

The authors declare no conflict of interest.

Range dynamics in a Neotropical lizard under climate change: Prospects for rear, stable, and lead populations

Abstract

Aim

To investigate the range dynamics of a Neotropical lizard across temporal scales, integrating past, present, and future environmental conditions. Specifically, we seek to characterize historical environmental suitability and assess its influence on dispersal and range expansion using phylogeographic reconstructions. Additionally, we evaluate how different climate change scenarios may alter environmental suitability across geographic and niche spaces, applying an integrative framework to explore the implications of these changes for rear, stable, and lead populations.

Location

South America.

Taxon

Tropidurus oreadicus, a lizard endemic to the Cerrado biome.

Methods

We used Species Distribution Models to identify and characterize the environmental suitability for *Tropidurus oreadicus* under present, past (Miocene/Pliocene transition, Last Glacial Maximum, Last Interglacial, mid-Holocene), and future climatic conditions (2041-2060, 2061-2080, and 2081-2100) under optimistic, intermediate, and pessimistic scenarios of climate change. We created a phylogeographic reconstruction with PhyloMapper, with evaluations for *T. oreadicus* and its main lineages. We calculated the scaled dispersal parameter as an indicator of phylogenetic and geographic proximity, estimated the origin of the Most Recent Common Ancestor, and tested for non-random direction of dispersal. Finally, we assessed the range dynamics for environmental conditions under different future climate change scenarios, classifying areas as rear, stable, and lead areas. We used the *ecospat* R package to measure niche overlap between present and future conditions, visualizing the range dynamics on niche space.

Results

The present, most suitable conditions for *Tropidurus oreadicus* are primarily in the Cerrado. Past environmental conditions were considerably less suitable than present, with the environmental characterization pointing to non-analog conditions. *Tropidurus oreadicus* likely originated in core Cerrado and dispersed in all directions, thoroughly exploring the biome. Near-future environmental conditions should be less suitable, with most of *T. oreadicus*' present distribution becoming rear areas. The loss in suitable areas is mirrored in niche space, with only lead areas in the optimistic scenario being more similar and equivalent to the present conditions than two random niches.

Main Conclusions

Our integrative approach provided a broader image of range dynamics for *Tropidurus oreadicus*. Shifts in niche space are important determinants of range dynamics for *T. oreadicus*. The unsuitable, likely non-analog past environmental conditions point to niche evolution. *Tropidurus oreadicus* likely originated in core Cerrado and dispersed to all directions of the biome but will likely be significantly impacted by future climate change, losing most of its suitable areas in geographic and niche spaces.

Keywords: Cerrado, climate change, *ecospat*, lizard, niche, phylogeographic reconstruction, PhyloMapper, range dynamics, Species Distribution Models, *Tropidurus oreadicus*.

Introduction

Understanding the factors that govern species distributions is a central tenet of biogeography, as these distributions reflect environmental tolerances and geographic opportunities shaped by past and present environmental conditions (Olalla-Tárraga et al., 2011). Biogeographical models are essential to understanding the impacts of future climate change since they encapsulate how species niches relate to environmental variations. The niche—a central concept in ecology and biogeography—defines the ecological conditions that meet a species' physiological demands for survival and reproduction (Lu et al., 2023; Sillero et al., 2022). According to the Center-Periphery Hypothesis (CPH), optimal environmental conditions occur near the center of a species' distribution, decreasing in quality towards the range margins (Pironon et al., 2017). This perspective allows conceptualizing the niche as a gradient of environmental suitability across a species' range (Brown et al., 1996; Holt, 2009).

Range shifts emerging from fluctuations in environmental conditions stem from ecological and evolutionary processes (Bridle & Hoffmann, 2022; Rafajlović et al., 2022). Evaluating these shifts using phylogeographic reconstructions provides insights into the mechanisms underlying historical distribution patterns (Hoban et al., 2019; Lu et al., 2023). Over evolutionary time scales, species exhibit either niche conservatism—retaining ancestral ecological traits and tracking stable niches across geographic space—or niche evolution, whereby ecological niches adapt to new conditions, enabling colonization of novel environments (Wiens et al., 2010). While adaptive niche shifts during past climatic fluctuations have been documented (Jezkova et al., 2011; Martínez-Monzón et al., 2018; Rödder & Lotters, 2009), the accelerated rate of contemporary change may outpace niche evolution, exposing species to unsuitable environmental conditions (Jezkova & Wiens, 2016; Quintero & Wiens, 2013; Wiens et al., 2010). In such cases, niche conservatism could constrain adaptive responses, reducing species' ability to expand into or under new climatic regimes (Wiens & Graham, 2005).

Climatic oscillations during the Pleistocene significantly influenced species distributions and diversification across the Neotropics, driving distributional shifts in South American biomes (Rull, 2020). Among them, the Cerrado stands out for its remarkable stability in its core regions during Pleistocene fluctuations despite experiencing dynamic transitions with surrounding biomes (Costa et al., 2018; Werneck et al., 2011). As one of the world's most biologically diverse savannas, the Cerrado is recognized as a global biodiversity hotspot, harboring extraordinary endemism and ecological uniqueness (Myers et al., 2000). However, it faces severe threats from habitat conversion for agroecosystems, rising

temperatures, and intensified droughts driven by climate change (Colli et al., 2020; Rodrigues et al., 2020). The Cerrado's dual role as a stable biome through past climatic changes and as a region under acute contemporary threat underscores its importance as a model system for understanding the impacts of climate change on biodiversity. Studies on Cerrado species, such as lizards, are crucial for informing conservation strategies to mitigate biodiversity loss in this hotspot.

Lizards are ideal model systems for evaluating the effects of climate change on distribution patterns due to their abundance and ease of capture (Buckley et al., 2012; Camargo et al., 2010). As terrestrial ectotherms, lizards are highly dependent on external climatic conditions for thermoregulation, with consequences to their ecology, demography, and performance (Angilletta et al., 2002; Dupoué et al., 2021; Huey, 1982; Le Galliard et al., 2012). Even though climate change threatens lizards worldwide, with local extinctions already documented and more predicted (Sinervo et al., 2010), there remains a knowledge gap in South America. Contemporary climate change is one of the main drivers of range shifts (Rubenstein et al., 2023). Climate change can affect population dynamics as suitable areas at range edges diminish, persist, or expand, creating rear, stable, and lead areas (Angert et al., 2020). Rear areas are those at the eroding edge of suitability in which environmental conditions will become unsuitable (Hampe & Petit, 2005). Lead areas are those at the colonization front, where species follow suitable environmental conditions and might encounter novel environmental conditions (Chuang & Peterson, 2016). These shifts can affect both the geographic and ecological space that the species can explore, such that understanding the dynamic of rear, stable, and lead areas can be important sources of information to guide conservation and mitigation efforts.

Here, we use species distribution models (SDMs) to characterize environmental suitability under past, present, and future conditions and evaluate the range dynamics of *Tropidurus oreadicus*, a widely distributed species endemic to the Cerrado. *Tropidurus oreadicus* is an excellent model for examining climate change's impacts due to its broad distribution across varied habitats, its sensitivity to climatic conditions as a terrestrial ectotherm, and its prevalence in local communities. SDMs are one of the most effective tools for characterizing species' niches and assessing biogeographical theories (Franklin, 2023). These models link species occurrences with environmental predictors, employing statistical and machine learning algorithms to describe and predict species-environment relationships (Soley-Guardia et al., 2024). Since species ranges represent a geographic depiction of their niche space (Sexton et al., 2009), SDMs provide an essential framework for assessing a

species' past, present, and future distributions in geographic and ecological contexts. For *T. oreadicus*, we analyze environmental suitability during the Miocene/Pliocene transition (5.4 Ma), Last Interglacial (130 Ka), Last-Glacial Maximum (22 Ka), and Mid-Holocene (6 Ka). Our innovative approach integrates patterns of historical environmental suitability with phylogeographical reconstruction to reveal lineage-specific distributional differences and examine dispersal and range dynamics, critical processes shaping present-day distributions (Hampe & Petit, 2005). Additionally, we test for associations between phylogenetic relatedness and geographic proximity—an indicator of isolation by distance—and evaluate the hypothesis of recent range expansion. Focusing on *T. oreadicus*, we look for insights into Cerrado biodiversity's historical and future dynamics under climate change scenarios.

Given the importance of future climate change, we assess how different scenarios will affect *Tropidurus oreadicus* distribution across geographic and niche spaces. We assess niche dynamics between the current area suitable for the species and the rear, stable, and lead areas resulting from climate change scenarios up to 2100. We test for niche equivalency and niche similarity (Broennimann et al., 2012; Warren et al., 2008) and use the COUE (Centroid shift, Overlap, Unfilling, and Expansion) scheme to compare the niche spaces between these areas (Guisan et al., 2014). With our integrative analysis, we evaluate the range dynamics at deeper past and shorter future time scales by (1) identifying and characterizing the present areas with higher environmental suitability for *T. oreadicus*, (2) determining how past climatic fluctuations affected the distribution of environments suitable for *T. oreadicus* while inferring *T. oreadicus* phylogeographic history, and (3) determining how different scenarios of future climate change will affect the range dynamics across geographic and niche spaces. Since *T. oreadicus* is a Cerrado species, we expect higher environmental suitability on present and past environmental conditions to be similar. We use our phylogeographic reconstruction to estimate the location of the most recent common ancestor for *T. oreadicus* and its dispersal and expansion dynamics. For future conditions, we predict significant range reduction or shift for *T. oreadicus* in geographic and niche spaces, maintaining the most common pattern for most species.

Material and Methods

Species Distribution Model

We used Species Distribution Modeling (SDM) to evaluate the range dynamics for *Tropidurus oreadicus* by characterizing suitable environmental conditions. We built a correlative SDM and created projections for past, present, and future environmental

conditions. We used projections for a phylogeographical reconstruction to evaluate how climate change affects *T. oreadicus*' distribution in geographic and niche spaces.

Occurrence data

We assembled an expert-evaluated occurrence dataset from the literature and scientific collections, comprising 175 *Tropidurus oreadicus* records. Then, we drew a polygon around the records using Kernel Density Estimation with the R package ADEHABITATHR (Calenge, 2006), representing the potential environment occupied (Franklin, 2023; Soley-Guardia et al., 2024). Next, we applied a geographic filter (distance = 50 km) to reduce sampling bias (Boria et al., 2014). We also applied an environmental filter, which accounts for the covariation in environmental space (Varela et al., 2014). We followed the methodology Castellanos et al. (2019) suggested to set the number of classes to divide the environmental space, relying on Moran's I index of spatial autocorrelation. We found that an environmental filter significantly decreased the number of occurrences retained but did not substantially decrease the spatial autocorrelation. Since sample size is essential for model performance (Moudry et al., 2024; Soley-Guardia et al., 2024), we kept the 96 geographically filtered occurrence records, representing the optimal balance between retaining most occurrences while avoiding sampling bias (Appendix S1, Figure S1.1). We provide further details in Appendix S1.

Environmental variables

We downloaded 19 bioclimatic variables from WorldClim 2 (Fick & Hijmans, 2017) and cropped them to Brazil's extent, which we considered our complete study area. We calculated Variance Inflation Factors (VIFs) to screen for multicollinearity, retaining variables with correlation < 0.7: mean diurnal range (bio2), isothermality (bio3), mean temperature of wettest quarter (bio8), precipitation of wettest month (bio13), precipitation seasonality (bio15), and precipitation of the warmest quarter (bio18). We trained the SDM with the environmental conditions within the *Tropidurus oreadicus* occurrence polygon created with the Kernel Density Estimation. We also obtained environmental conditions from past and future times since our goal is to evaluate the range dynamics through time. We used values from mid-Holocene 8.326-4.2 ka (Fordham et al., 2017), Last Glacial Maximum – LGM ca. 21 ka (Karger et al., 2023), Last Interglacial – LIG ca. 130 ka (Otto-Bliesner et al., 2006), and Miocene/Pliocene transition 5.4 Ma (Gamisch, 2019) to represent the climatic conditions in South America potentially relevant for the phylogenetic history of *T. oreadicus*. We used future conditions from three periods (2041-2060, 2061-2080, and 2081-2100), representing

climate change until the end of the century, under three Shared Socioeconomic Pathways (optimistic – SSP245, intermediate – SSP370, and pessimistic – SSP585). We used the EC-Earth3-Veg Global Circulation Model (GCM), which performs well for South America (Almazroui et al., 2021; Bazzanela et al., 2024). We obtained the future conditions from the geodata database, directly downloaded with the *cmip6_world* function from the GEODATA package (Hijmans et al., 2024). We used Multivariate Environmental Similarity Surface and Principal Component Analyses to characterize the environmental conditions from the different periods (Further details in Appendix S1).

Fitting the Species Distribution Model

We fitted SDMs with the Random Forest (RF) algorithm, which produces highly accurate models under a short computation time (Valavi et al., 2022). We used the down-sampled approach, which performs better with the same number of pseudo-absences as presences (Barbet-Massin et al., 2012). We created 20 pseudoabsence datasets with the same number of occurrences, representing the number in which an asymptote was approached on TSS values for Random Forest models run with 100 occurrences. We sampled pseudoabsences by creating a Surface Range Envelope (SRE), sampling points that differed in a defined proportion from presence conditions, which is adequate when we are confident to have properly sampled the species distribution (Thuiller et al., 2025). We split the dataset into calibration and validation using two approaches. Literature has shown that random splitting might be inappropriate if the aim is to project the model to non-analog conditions, representing different areas or times from those used to train the model (spatial or temporal extrapolation) since it might introduce unwanted biases (Anderson, 2013; Elith et al., 2010). An alternative is block cross-validation (CV) splitting, in which the occurrence records are split into four bins of equal size so that each CV dataset is represented by similar environmental conditions (Muscarella et al., 2014). We compared block CV with *k*-fold cross-validation ($k = 4$). We ran both models with 10 permutations and used 10 from each model combination to evaluate variable importance. We checked Area Under the ROC Curve (AUC), TSS, Kappa, Accuracy, Bias, and Boyce as evaluation metrics, focusing on AUC and TSS, as these are the most reported metrics. Our final model was an ensemble with those models with TSS above 0.7 and using the weighted mean (probabilities from selected models are weighted according to their evaluation scores). This often-used ensemble approach performs best compared to other ensemble techniques (Hao et al., 2019; Marmion et al., 2009). We used the ensemble from single models trained with the block CV approach as it

performed better than single and ensemble models (Supporting Information Figure S1). Performance metrics for single models and the final ensemble model are in Supporting Information Figure S2.

Projecting the Species Distribution Model

We projected the final ensemble model to the study area (area cropped to Brazil's extent) under present, past, and future conditions. We projected to present conditions, Miocene/Pliocene transition, Last Glacial Maximum, Last Interglacial, mid-Holocene, and future conditions (2041-2060, 2061-2080, and 2081-2100) under optimistic (SSP245), intermediate (SSP370) and pessimistic (SSP585) scenarios of climate change—more details in the section *Environmental variables*. We created binary maps using a threshold that balances sensitivity and specificity (true positive and negative rates, respectively), as we wanted to balance both commission and omission errors (falsely predicting a presence or an absence, respectively) (Guisan & Thuiller, 2005; Liu et al., 2005). Our continuous suitability maps showed low environmental suitability in past conditions (Supporting Information Figure S3), suggesting niche divergence. To evaluate the past range dynamics of environmental suitability, we created binary maps with thresholds (by 0.05 increments) between 0 and the suggested TSS for these conditions and added them. This approach avoids interpreting the information in these projections as fixed and accounts for the uncertainty inherited in the models used to calculate the environmental conditions from past times (Alvarado-Serrano & Knowles, 2014). We evaluated the distribution of environmental suitability under past conditions based on these summed maps as an indicator of stable areas during the recent phylogeographic history of *Tropidurus oreadicus*.

Sampling and genetic protocols

Genetic data refer from sequences from 343 individuals from 37 localities which span *Tropidurus oreadicus*' distribution (Supporting Information Figure S4). Genomic data was extracted from liver and muscle tissues using the DneasyTM Tissue extraction kit (QIAGEN). DNA aliquots were used for a visual estimation of the DNA amount by comparing with known quantities of DNA from phage λ in agarose gel (1.5%) died with ethidium bromide (20 mg/100mL). Primer pairs were used to amplify mitochondrial and nuclear genes via PCR (Polimerase Chain Reaction). Mitochondrial sequences were denaturated in 94ºC, with 35-40 cycles of denaturation in 94ºC (1 minute), 53-61ºC for girdling (0:30-1:30min), 72ºC for extension (1 minute) and 72ºC for a final extension (5-7

minutes). Nuclear sequences were amplified by touchdown or ANL profiles (anonymous nuclear markers). For the cycles “1-touch51” and “1-touch57”: 94ºC for 2:45min, 40x [94°C for15s, 51°C or 57°C for 20s (decreasing 0.1°C/cycle), 72°C for 1min], 72°C for 1min. For the cycle “ANL63”: 95°C for 1:30min, 10x [95°C for 35s, 63°C for 35s (decreasing 0.5°C/cycle), 72°C for 1min], 10x (95°C for 35s, 58°C for 35s, 72°C for 1min), 15x (95°C for 35s, 52°C for 35s, 72°C for 1min). The reaction mixture for amplification was a buffer for Tris-KCl (Tris-HCl 20 mM pH 8.4 and KCl 50 mM), MgCl2 1.5 mM, 0.7-1.0 mM for each primer, 250 μM for each dNTP, 1.0 reaction/unit for Taq DNA polimerase, genomic DNA of approximately 15 ng and deionized water to complete 20 μL volum. The cycle durations and corresponding temperatures were optimized in thermal cyclers with temperature gradients to obtain amplified fragments of higher quality. The PCR products were purified using the Exonuclease I and Shrimp Alkaline Phosphatase enzymes (EXOSAP - GE HealthCare, Sweden). Once purified, the amplified fragments were sequenced in both directions (forward and reverse). A small percentage of the samples were processed using the ABI Prism 3100 automatic sequencer (Applied Biosystems, CA) at the School of Agronomy, Federal University of Goiás, using the DYEnamic ET Terminator fluorescence kit (GE HealthCare, Sweden), under conditions standardized by the manufacturer. Most of the samples with amplified and purified regions were sent to Macrogen Inc. in South Korea for standard sequencing.

The software GENEIOUS® v.6.1.5 (Biomatters Ltd; Drummond et al., 2011) was used for chromatogram analysis, sequence editing, and obtaining the consensus strand of all specimens with successful sequencing. The sequences were aligned using ClustalW (Higgins & Sharp, 1988; Thompson et al., 1997) and MUSCLE (Edgar, 2004), both implemented in GENEIOUS; gaps, indels, and blocks with questionable alignments were subsequently visually inspected and manually adjusted. For each of the protein-coding regions, homologous sequences deposited in GenBank were added to the alignment to identify the first codon of the database of aligned sequences using the MEGA v.6 software (Tamura et al., 2013), where the final alignments were then examined and translated into protein to confirm ORFs (open reading frames) for coding regions. Finally, the base saturation level was inspected using the substitution saturation test (Xia et al., 2003; Xia & Lemey, 2009) in DAMBE v.5.3.76 software (Xia, 2013).

With the properly aligned sequences, the nucleotide bases were encoded according to IUPAC standards (i.e., ‘Y’ for ‘C’ or ‘T’; ‘R’ for ‘A’ or ‘G’; ‘S’ for ‘G’ or ‘C’; ‘W’ for ‘A’ or ‘T’; ‘K’ for ‘G’ or ‘T’; ‘M’ for ‘A’ or ‘C’) and were visually inspected and corrected when

necessary. In the case of sequences generated from nuclear regions, no changes were made to the ambiguous bases when there was evidence of heterozygosity, expressed by chromatograms with clearly visible double peaks on both strands. Missing data, commonly found at the beginning and/or end of sequences, were coded as "?", and indels (i.e., insertions and/or deletions) as "-". For the sequences of nuclear regions, haplotype reconstruction from heterozygous sites was performed using the PHASE 2.1 algorithm (Stephens et al., 2001; Stephens & Donelly, 2003), implemented in DnaSP v.5.10.01 software (Rozas et al., 2010), which uses a Bayesian method based on coalescent theory to infer the most likely pair of haplotypes from a sequence with several ambiguous sites.

Phylogenetic analysis

We used BEAST2 (Bouckaert et al. 2014) to infer *Tropidurus oreadicus*' phylogenetic tree using three mitochondrial (12S, 16S and COI) and seven nuclear genes (PRLR, KIF24, MXRA5, b-FIB, CASC5, KCNMB, and CGNLI) from 134 individuals. We used as outgroups *Tropidurus madeiramamore* (a recently described species from Cerrado enclaves from Rondônia and previously considered *T. oreadicus* (Carvalho et al., 2023), *Tropidurus insulanus*, *Tropidurus torquatus* and *Tropidurus hispidus* and species from the genera *Leiocephalus*, *Stenocercus*, and *Uranoscodon*. We partitioned the dataset by gene, linked the mitochondrial and nuclear genes to particular clocks and linked all partitions to a single tree. No fossil calibration was used as prior due to the lack of tropidurid or related taxa from South America Neogene (Albino & Brizuela, 2014). We set a strict molecular clock and used the substitution rate of 12S estimated from *Liolaemus* (Olave et al., 2015) (0.6339 × 10−2 substitutions/site/Myr) to the mitochondrial partition. We estimated the nuclear substitution rate and set an exponential prior for the nuclear partition with a mean of 0.6339 × 10−2 substitutions/site/Myr – similar to Carvalho et al. (2023). We used a birth-death speciation model, and ran 2 independent MCMC chains for 1.5 x 10^9. We checked for model convergence with Effective Sample Size (ESS), making sure all parameters had ESS>200, on Tracer v1.7.2 (Rambaut et al., 2018) and created a Maximum Clade Credibility Tree with TreeAnnotator. This phylogenetic reconstruction showed three monophyletic clades (Supporting Information Figure S5), which we used for the phylogeographic reconstruction with PhyloMapper. We refer to them based on their geographic placement regarding Cerrado and *T. oreadicus* complete distribution (Supporting Information Figure S6).

Phylogeographic reconstruction

We used PhyloMapper to test for phylogenetic relatedness and geographical proximity among populations, estimate the location of the most recent common ancestor, and evaluate dispersal distance and direction of dispersal among lineages of *Tropidurus oreadicus*. PhyloMapper uses a spatially explicit random walk model of migration to associate the geographic coordinates from the tips of a phylogenetic tree to its topology and estimate the geographical location of its ancestor, dispersal rate, and migration direction. We checked the evolutionary lineages (monophyletic clades) from the phylogenetic tree and the genetic clustering to identify the monophyletic groups (Appendix S1 has further details on genetic clustering). We used PhyloMapper for a phylogeographic reconstruction of *T. oreadicus* and its major lineages, asking: (1) What is the dispersal distance of each lineage? (higher dispersal values are expected from lineages that have expanded recently); (2) Where have the most recent common ancestor (MRCA) of *T. oreadicus* and its major clades originated? (we used these estimates to understand the phylogeographical range expansion by the species); (3) Have *T. oreadicus* lineages dispersed randomly? (we tested for non-random directionality of migration to visualize the directionality of historical migration by the species).

Classifying areas as rear, stable, and lead

We classified areas as rear, stable, and lead to evaluate the potential effect of future climate change on the distribution of *Tropidurus oreadicus*. We checked if suitable areas will be lost, maintained, or gained by the end of the century under optimistic, intermediate, and pessimistic scenarios. Rear areas are those that were suitable in the present but will no longer be suitable in the future; stable areas are those that will remain suitable; and lead areas are those that were not suitable in the present and will become suitable in the future. We added the three temporal ranges from each climate change scenario to get our final representation of rear, stable, and lead areas.

Niche dynamic analysis

We assessed the niche dynamics between areas created under the three climate change scenarios, as rates of future climate change are expected to be greater than rates of niche evolution (Enriquez-Urzelai et al., 2019). We compared the niche spaces from suitable areas under present conditions and those from rear, stable, and lead areas created under different climate change scenarios to evaluate the spatiotemporal dynamic of niche occupancy. We used the R package ECOSPAT (Broennimann et al., 2025) to measure niche overlap between present and future ranges and test for niche similarity and equivalency, as niche conservatism

should be considered a continuum (Warren et al., 2008). Using the COUE framework, we checked for centroid shift, overlap, unfilling, and expansion (Guisan et al., 2014). We assumed that no niche evolution is possible under this short time frame (Jezkova & Wiens, 2016; Wiens et al., 2010). As rear areas represent future conditions that will no longer be suitable, we expect a low niche overlap between present and future conditions, and that these niches will be no more similar/equivalent than chance. Stable and lead areas represent future conditions suitable for the species, so we expect high niche overlap between present and future niches, and that these niches will be more similar/equivalent than chance. We provide further details on implementing the dynamic analysis with ECOSPAT in Appendix S1.

Results

Suitable areas for Tropidurus oreadicus

Most areas suitable for *Tropidurus oreadicus* are in the core Cerrado, following an arch within the Amazon – northwest Maranhão, northeast-southwest diagonal in Pará, northwest Mato-Grosso, almost all Rondônia and around the Brazil-Bolivia border – and some isolates in (northern) Amazon, Atlantic Forest and Caatinga (Fig. 1). Our ensemble model using the Random Forest algorithm had values above 0.7 for all performance metrics (Supporting Information Fig. S2a,b). Precipitation of the warmest quarter (bio18) and precipitation of the wettest month had variable importance above 0.3 (Supporting Information Fig. S2d). The past conditions showed low suitability overall (Supporting Information Fig. S3). However, our representation of environmental suitability with the summed binary maps (with different thresholds) pointed to areas with comparatively higher suitability (Fig. 2). Among the past conditions evaluated, the Miocene/Pliocene transition (5.4 MA) showed more suitable areas, suggesting refuges in core Cerrado, northwest Mato Grosso and at most of Brazil-Bolívia border (Fig. 2a). The remaining past conditions (Last Interglacial (LIG), Last Glacial Maximum (LGM) and Mid-Holocene) showed lower environmental suitability (Figure 2b-d), suggesting niche divergence somewhere around this time (more details on Discussion section). We used multivariate environmental similarity surfaces (MESS)—calculated and plotted with the R packages ENMEVAL (Kass et al., 2021) and RASTERVIS (Lamigueiro & Hijmans, 2023), respectively—and Principal Component Analysis (PCA) as evaluations of environmental similarity, which showed high dissimilarity of past environmental conditions (Appendix S1 for further details on methodology and results). Environmental suitability will decrease for *T. oreadicus* under future climate change, with the species losing most of its suitable area even under the optimistic scenario of climate change (Fig. 3). Supporting

Information Figure S7 has the successive changes from binary maps on future conditions for the different scenarios of climate change.

Phylogeographical reconstruction

The first prediction of the test of recent geographic expansion is that clades from recently invaded areas should have higher dispersal parameters. We rejected the null hypothesis in favor of the alternative hypothesis of an association between geographic and genealogical proximities for all clades ($p < 0.001$, Table 1). The results of the scaled dispersal parameter indicate that Central-North and Central-Southwest clades would be from recently invaded areas. The second prediction of recent geographic expansion is a non-central location of the clades' Most Recent Common Ancestor (MRCA) since individuals tend to flow from one region towards a new region during expansion. The geographic and maximum likelihood centers for *T. oreadicus* and its major lineages are in Fig. 4a, and we see Central-Southeast and Central-North clades having, respectively, the closest and most distant MRCA from *T. oreadicus'* MRCA. The locations for the MRCAs for *T. oreadicus* and its lineages reveal that the species originated in central Cerrado and later dispersed across the biome in all directions. For all comparisons, we failed to reject the null hypothesis that the MRCA is in the geographic center of the range of its descendants ($p = 1$). We provide the log-likelihood from geographic and estimated centers in Appendix S1, Table S1.2. The third prediction of recent expansion is that the direction of migration was non-random. Our directionality tests indicate that individuals dispersed in a non-random direction (Appendix S1, Table S1.2). *Tropidurus oreadicus* dispersed in all directions (Fig. 4b); the Central-North lineage dispersed southwest and on a northwest-southeast axis; the Central-Southeast lineage dispersed on a northeast-southwest axis; and the Central-Southwest lineage dispersed north and on an east-west axis (Figure 4c-e).

Classifying populations as rear, stable, and lead

Tropidurus oreadicus will lose most of its suitable area by the end of the century in all climate change scenarios. However, areas will remain stable, and the expansion of suitable areas will be limited (Fig. 5). Supporting Information Fig. S8 has the successive changes for the three periods and scenarios evaluated.

Niche dynamic analysis

Most of *Tropidurus oreadicus*' distribution will become unsuitable (rear area) in future conditions (Fig. 5). As we assume the impossibility of niche evolution by the end of the century, we expect niches from present and rear areas to have low overlap and to be as similar/equivalent to present conditions than two random niches. We expect stable and rear areas to have higher niche overlap and to be more similar/equivalent to present conditions than two random niches. Schoener's D values for niche overlap were low, ranging from 0.01 to 0.32 (Table 2), suggesting limited niche overlap for most comparisons of present and future niches. Rear areas showed considerably low Schoener's D overlap, with a small fraction of stability and high unfilling and expansion, which can be seen in our niche dynamics plots. These show the most significant shifts at rear areas from all scenarios, as would be expected (Figure 6). For most comparisons of present and future niches, these are not more equivalent and similar than two random niches (Supporting information Fig S9). These results point to *T. oreadicus* losing most of its geographic and niche spaces under future climate change. The highest values for Schoener's D measure of niche overlap (0 = no overlap; 1 = complete overlap) were seen in the comparisons of present vs lead (Table 2). Our results from equivalency and similarity tests confirmed this pattern (Supporting information Fig S9). Niches from rear areas from all scenarios were not more equivalent/similar to present niches than random, confirming the expected pattern. Lead areas in the optimistic (SSP 245) and pessimistic (SSP 585) scenarios were more equivalent to the present conditions than two random niches. Lead areas in the optimistic (SSP 245) and stable areas in the pessimistic (SSP 585) scenarios were more similar to the present conditions than two random niches. The remaining niche comparisons between present and future environmental conditions for the areas under different scenarios were similar or equivalent to two random niches. The graphical representations of the COUE showed a marked change in the niche space for populations in rear areas (Fig. 6). Table 2 shows niche dynamics (Schoener's D, niche stability, unfilling, and expansion) for each area and scenario.

Discussion

The environmental conditions most suitable for *Tropidurus oreadicus* are in core Cerrado, on the northern portion of the Cerrado-Amazonia transition, and some isolates in Caatinga and Atlantic Forest. Past conditions were less suitable than current conditions, suggesting niche divergence. The conditions at the Miocene/Pliocene transition (5.4 Ma) showed higher suitability when compared to conditions from the Last Interglacial, Last Glacial Maximum, or Mid-Holocene. Our phylogeographic reconstruction—as an evaluation of proximal

patterns of range expansion—showed the center of origin for *T. oreadicus* at the southeast portion of core Cerrado and that the species dispersed across the biome in all directions. By the end of the current century, environmental suitability will decrease substantially in all climate change scenarios. Our niche dynamics analysis shows this decrease will be mirrored in niche space, with rear areas presenting substantial niche shifts under all climate change scenarios. Only lead (expansion) areas will occupy a niche that is more similar and equivalent to the present conditions than expected by chance.

Past range dynamics and phylogeographic reconstruction

Species Distribution Models consider niche conservatism when extrapolating the equation — which relates environmental conditions to species' occurrence — to conditions different than those used to train the model (Peterson et al. 2011, Soley-Guardia 2024). A recent phylogenetic reconstruction of *Tropidurus* shows that *Tropidurus oreadicus* had diverged from its Most Recent Common Ancestor (MRCA) at the time periods evaluated in this study (Carvalho et al. 2023). The low predicted suitability during past conditions can point to niche evolution happening sometime on *T. oreadicus*' phylogenetic history, as a process to allow the species to explore the available environmental conditions. The fact that the conditions from Miocene/Pliocene (time period most distant to the other past conditions evaluated) had the higher suitability compared to the other conditions additionally suggest the niche evolution to have occurred somewhere around this time. The latest phylogenetic tree for *Tropidurus* from Carvalho and collaborators (2023) shows that *Tropidurus oreadicus* diverged from its MRCA around 2.86 Ma, which matches the patterns present here. The rates of past climatic fluctuations allowed the species to cope with the shifting conditions, either by dispersal or adaptation. Changes in the physical environment are important for the evolution of organisms at large spatial and time scales (Badgley et al., 2008; Benton, 2009; Cano et al., 2013). Our characterization of environmental conditions showed that past climates were highly dissimilar to present conditions, as depicted in the Multivariate Environmental Similarity Surface maps. A Principal Component Analysis showed that variables from past conditions had different correlations when compared to the correlations among variables from present conditions. Shifts in the geographic distribution of climatic conditions can promote dispersal, influencing large-scale biogeographic patterns and ecological processes and providing ecological opportunities for evolutionary radiations (Hughes & Eastwood, 2006; Prates et al., 2016).

493 Our phylogeographic reconstruction revealed that *Tropidurus oreadicus* dispersed in
494 all directions as the species expanded throughout the Cerrado biome, likely driven by
495 historical shifts in environmental conditions. We inferred that the center of origin of *T.*
496 *oreadicus* was close to the area with the highest suitability during the Last Interglacial. The
497 scaled dispersal parameter—an indicator of phylogeographic association—and the
498 directionality tests allowed for inferences on dispersal patterns. Lower values from the scaled
499 dispersal parameter reveal a stronger association between branches, and higher values
500 indicate higher intergenerational dispersal (Lemmon & Lemmon, 2008). The Central-
501 Southeast clade had the lowest dispersal distances and the most recent common ancestor
502 (MRCA) closest to *Tropidurus oreadicus*'s most recent common ancestor. These results and
503 the higher area of suitability around the location of these MRCAs suggest the importance of
504 this area for origin of *T. oreadicus*'s lineages and subsequent diversification. The Central-
505 North lineage had the longest dispersal distances and the northernmost most recent common
506 ancestor, which dispersed north possibly to explore new environments. These findings
507 suggest the importance of dispersal events caused by climatic fluctuations for the assembly of
508 tropical biotas. For instance, the Miocene was a period of lineage diversification in South
509 America (Prates et al., 2016; Rull, 2020).
510 There is strong support for climate and species' physiologic tolerances as
511 determinants of species ranges (Soberón & Nakamura, 2009). Under longer timescales,
512 climatic niches can be more constrained (Evans et al., 2009; Knouft et al., 2006), suggesting
513 niche conservatism for many lineages. There are also examples of ecological innovation
514 causing niche shift after species' divergence, suggesting that the climatic niche can be
515 evolutionary labile (Ackerly, 2003; Benítez-Benítez et al., 2018). Duran and Pie (2015) found
516 multiple independent rate shifts on niche evolution in primate clades, coinciding with
517 climatic cooling, suggesting that climatic niches can evolve while species explore areas with
518 novel conditions during evolutionary history. A similar pattern was found for squamate
519 reptiles, in which some lineages continued exploring their ancestral niche while others
520 experienced accelerated evolution of their climatic niches as new environmental conditions
521 became available (Grigg & Buckley, 2013; Pie et al., 2017; Sheu et al., 2020). The pattern of
522 low suitability under past conditions and the range exploration in all directions for *Tropidurus*
523 *oreadicus* suggest niche divergence and the importance of dispersal—likely caused by
524 climatic fluctuations—on the phylogeographic history of *T. oreadicus*.
525
526 *Future range dynamics*

Climate change will result in substantial reductions of suitability areas for *Tropidurus oreadicus* as most of its distribution will become unsuitable in the future, creating rear edge areas. There are three possible outcomes for range dynamic under climatic fluctuations (Sinervo et al., 2010): 1) given enough time and capacity, individuals could disperse to new areas, tracking environmentally suitable conditions; 2) individuals could adjust to new environments by behavioral plasticity, physiological plasticity or adaptation; and if none of these are possible; 3) the species could go extinct. Under these scenarios, the survival of many species would depend on rapid shifts in their climatic niche to accommodate the new climatic conditions (Holt, 1990; Qu & Wiens, 2020; Román-Palacios & Wiens, 2020). Species may not adapt quickly to new environmental conditions, and range shifts are caused mainly by local extinction and expansions, with many lizard species showing a high probability of local extinction (Davis & Shaw, 2001; Sinervo et al., 2010). As the evolutionary rates of adaptation are not predicted to keep pace with the rates of future climate change, the eco-evolutionary process of niche conservatism would be responsible for the adverse effects of climate change, intensifying events of local extinction (Wiens & Graham, 2005).

Species are responding to climate change as expected by niche conservatism, not going through the rapid adaptive evolution of climatic tolerances that would allow expansion to areas with new climatic conditions (Wiens & Graham, 2005). However, some species seem to be less affected by climate change, as was reported for Mediterranean reptiles, which were the group least affected by climate change between 1979 and 2013, with plants and amphibians being the most affected—having the least equivalent niches, suggesting no niche shift (Sillero et al., 2022). A niche shift refers to a change in the niche space occupied by the species between the conditions compared (Atwater et al., 2017; Guisan et al., 2014). The accumulation of different evidence could point to niche shift: measures of niche overlap and its different components—from the COUE framework: Centroid shift, Overlap, Unfilling and Expansion (Guisan et al., 2014)—, and tests of niche equivalency and similarity (Broennimann et al., 2012; Warren et al., 2008). Rödder & Engler (2011) suggested that values of niche overlap between 0 and 0.2 indicate limited or no overlap, which could be interpreted as niche divergence under the longer time frames consistent with an evolutionary framework. As we assume niche conservatism and that no niche evolution will be possible by the end of the century, *Tropidurus oreadicus* will be highly affected by climate change, with suitable areas decreasing in both geographic and niche spaces. We expected the niche from rear areas to be no more similar/equivalent than chance, and the stable and lead areas to be

more similar/equivalent than chance. Niche overlap is almost negligible for rear areas, most of it being unfilling, and we failed to reject the null hypothesis that present and future niches will be as similar and equivalent to each other as chance. Regarding stable and lead areas, which we expected to be more similar and equivalent to present conditions as chance, we also failed to reject the null hypothesis for most comparisons, opposing our expectations. *T. oreadicus* will explore a niche space more similar and equivalent to present conditions than expected by chance only in lead areas from the optimistic scenario. Stable areas from the pessimistic scenario will have a niche space more similar to present conditions than expected by chance and lead areas from the pessimistic scenario will have a niche space more equivalent to present conditions than expected by chance. Additionally, the values for niche overlap were low, even for lead areas. These results suggests that *Tropidurus oreadicus* will be exploring a niche space that may not have the requirements for the species' survival, possibly caused by the substantial decrease in niche space for stable and lead areas, visualized in the niche dynamic plots (stability areas in Figure 6) and the low overlap values for stable and lead areas.

Climate warming scenarios are particularly worrying when considering the physiological tolerances of species. Qu & Wiens (2020) evaluated evolutionary rates of these tolerances in amphibians, squamates, birds, and mammals and found that physiological tolerances to high temperatures evolve more slowly than to cold temperatures and that the hottest temperatures in climatic niches also change more slowly than the coldest temperatures. The evolution of maximum niche temperatures and physiological tolerances to high temperatures are too slow to keep pace with climate change, leaving species particularly vulnerable to future climate change scenarios and associated anthropogenic warming (Araújo et al., 2013; Qu & Wiens, 2020). Jezkova & Wiens (2016) found that rates of niche shift are orders of magnitude slower than rates of projected climate change, and the amount of change would be too significant, even in hypothetical cases of rapid niche shift. Additionally, these rate shifts were even lower at low latitudes, suggesting higher vulnerability for tropical species and that reptiles and amphibians had the lowest mean rate of niche shift (Jezkova & Wiens, 2016). These results corroborate our assumption of no niche evolution by the end of the century, such that the loss of areas in geographic and niche spaces are worrying for *Tropidurus oreadicus*.

Regarding the possibility of dispersal, the geographic distribution of stable and lead areas shows these will be highly reduced compared to the current overall suitable area. There is evidence of range shift due to climate change by climate niche tracking (Chen et al., 2011),

595 but this might not be an option for low-dispersal and range-restricted species (Jezkova &
596 Wiens, 2016). In all climate change scenarios, there will be lead areas at core Cerrado, an
597 area of high suitability in *Tropidurus oreadicus* historical and present distribution, but these
598 are reduced when compared to the species' present distribution. Even though there are
599 geographically restricted endemics within Tropiduridae (e.g., *T. mucujensis*, *T.*
600 *psammonastes*, *T. insulanus*, *T. chromatops*), *T. oreadicus* is one of the species with the
601 broadest distribution (Carvalho, 2013). The classification of most of *T. oreadicus* distribution
602 as rear area and the elevated unfilling proportion in niche space highlights a potential
603 substantial loss of genetic diversity — both neutral and adaptive — for this widely distributed
604 Cerrado species. Our historical reconstruction of suitability areas and phylogeographical
605 reconstruction show that areas of higher suitability and the center of origin for *T. oreadicus*
606 are in core Cerrado, such that these populations might have higher genetic diversity, which
607 could help in maintaining refuge populations (Lira-Noriega & Manthey, 2014). Our results
608 paint an alarming picture of the effects of future climate change even for this heliothermic
609 species with extensive diurnal activity period (Rocha & Bergallo, 1990).
610
611 **Conclusion**
612 Range dynamics for *Tropidurus oreadicus* are guided by shifts in niche space. Characterizing
613 past environmental conditions as non-analog climates and the patterns of low suitability for
614 past conditions suggest past niche evolution. Our phylogeographic reconstruction gives more
615 proximal information and shows that *T. oreadicus* likely originated in the core Cerrado region
616 and dispersed in all biome directions while exploring suitable habitats. Niche dynamics were
617 important in *T. oreadicus* history, with the suggested past niche evolution allowing range
618 expansion almost to the complete Cerrado, resulting in one of the most widely distributed
619 species of the *Torquatus* group. *Tropidurus oreadicus* will lose most of its suitable habitat
620 under all future climate change scenarios, with this loss resulting in niches as similar or
621 equivalent to present niches as random. The species' inability to evolve under the short time
622 frame of future climate change and unlikely dispersal to new suitable areas under future
623 conditions leaves it susceptible to extinction, as suitable environments decrease in both
624 geographic and niche spaces. Our innovative, integrative approach combined environmental
625 suitability by Species Distribution Models with a phylogeographic reconstruction of range
626 expansion and environmental suitability for future conditions with range dynamics on niche
627 space to give a broader picture of range dynamics for the species. Our results show the

importance of climatic conditions in range shifts, adding to the importance of mitigation efforts to curb climate change and avoid its adverse effects on biodiversity.

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Table 1: Scaled dispersal parameter and p-values for phylogeographic association tests estimated by PhyloMapper for *Tropidurus oreadicus* and its major clades. Lower values indicate a stronger association and higher values indicate a more elevated per-generation dispersal variance. The null hypothesis refers to no association between geographic and genealogical proximities, and the alternative hypothesis states that there is some association between geographic and genealogical proximities.

Clade	Scaled dispersal parameter	Phylogeographic association test
Tropidurus oreadicus	382.80 (383.02)	< 0.001
Central-Southeast	161.54 (162.05)	< 0.001
Central-Southwest	264.93 (256.13)	< 0.001
Central-North	232.30 (232.27)	< 0.001

Table 2: Metrics of niche dynamics comparing present and future conditions for areas created under three climate change scenarios by the end of the century. Schoener's D, niche expansion, stability, and unfilling for each area and scenario. Schoener's D varies from 0 to 1, representing no overlap and complete overlap. Niche stability, unfilling, and expansion refer to the framework by Guisan et al. (2014), such that overlap refers to the intersection between present and future niches; unfilling refers to the proportion of present niche that is not found in the future niche; and expansion refers to the proportion of future niche that is not found in the present niche space.

Climate change scenario	Area	Schoener's D	Expansion	Stability	Unfilling
Optimistic (SSP245)	Rear	0.06	0.83	0.17	0.67
	Stable	0.12	0.42	0.58	0.29
	Lead	0.32	0.32	0.68	0.02
Intermediate (SSP 370)	Rear	0.02	0.93	0.07	0.84
	Stable	0.15	0.27	0.73	0.14
	Lead	0.19	0.38	0.62	0.40
Pessimistic (SSP 585)	Rear	0.01	0.96	0.04	0.91
	Stable	0.17	0.31	0.68	> 0.001
	Lead	0.24	0.32	0.68	0.11

Figure Legends

Figure 1. Projection maps for *Tropidurus oreadicus* representing a) continuous and b) binary suitability under present environmental conditions. The light brown line delimits the Cerrado biome, grey circles refer to the occurrence points used to train the Species Distribution Model, and dark green refers to the kernel density contour area used to train the model. The blue gradient in a) refers to the suitability gradient with lower and higher suitability, respectively, from lighter to darker blue. b) green shows the suitability areas under the binary suitability threshold of TSS.

Figure 2. Projection maps for *Tropidurus oreadicus* suitability under different past environmental conditions. These refer to the summed binary maps with different thresholds to identify historical areas of higher suitability. The light brown line delimits the Cerrado biome, circles refer to the occurrence points used to train the Species Distribution Model, and dark green refers to the kernel density contour area used to train the model. The blue gradient refers to the suitability gradient with lower and higher suitability, respectively, from lighter to darker blue. a) Miocene/Pliocene transition (5.4 MA), b) Last Interglacial (LIG), c) Last Glacial Maximum (LGM), and d) Mid-Holocene.

Figure 3. Projection maps for *Tropidurus oreadicus* representing continuous suitability under environmental conditions from three time periods and scenarios of future climate change. The light brown line delimits the Cerrado biome, circles refer to the occurrence points used to train the Species Distribution Model, and dark green refers to the kernel density contour area used to train the model. The blue gradient refers to the suitability gradient with lower and higher suitability, respectively, from lighter to darker blue. The periods refer to 2041-2060 (a, d, g), 2061-2080 (b, e, h), and 2081-2100 (c, f, i). The scenarios of future climate change refer to optimistic (SSP245, a-c), intermediate (SSP370, d-f), and pessimistic (SSP585, g-i) scenarios.

Figure 4. Phylogeographic reconstruction for *Tropidurus oreadicus* and its major lineages obtained with PhyloMapper. a) Geographic and maximum likelihood estimated center of origins. Circles refer to *T. oreadicus* occurrences, squares refer to the geographic center, and triangles refer to the maximum likelihood center of origin from each clade. The shape colors refer to *T. oreadicus* and its major monophyletic clades. b-e) arrows depicting the direction of migration obtained with PhyloMapper's phylogeographic reconstruction and the geographic center of origin (red X). b) *Tropidurus oreadicus*, c) Central-Southwest, d) Central-North, and e) Central-Southeast. In all maps, circles refer to *T. oreadicus* occurrences, and the Cerrado biome is outlined in light brown.

Figure 5. Areas created for *Tropidurus oreadicus* by the end of the century under environmental conditions from three future climate change scenarios. Rear areas (suitable in present, unsuitable in future) in light purple, stable areas (suitable in present, suitable in future) in light orange, and lead areas (unsuitable in present, suitable in future) in dark purple. A light brown line delimits the Cerrado biome, circles refer to the occurrence points used to train the Species Distribution Model, and dark green refers to the kernel density contour area used to train the model. Grey as areas with intermediate values. a) Optimistic scenario (SSP245); b) intermediate scenarios, (SSP370); and c) pessimistic scenario (SSP585).

Figure 6. *Tropidurus oreadicus* niche dynamics plots under three scenarios of future climate change. The scenarios of future climate change refer to optimistic (SSP245, a-c), intermediate (SSP370, d-f), and pessimistic (SSP585, g-i) scenarios. a, d, g) rear areas; b, e,

h) stable areas; c, f, i) lead areas. The blue and red lines represent the niche extent for present and future conditions, respectively. The shadings of blue, yellow, and red represent the analog conditions of unfilling, stability, and expansion. The light blue and orange shadings represent the non-analog conditions of abandonment and pioneering. Red arrows represent centroid shift.

Supporting Information Figure S1. Box plots with model performance metrics from a) single and b) ensemble models trained with different cross-validation approaches. Block CV in yellow, *k*-fold in orange.

Supporting Information Figure S2. Metrics of model performance and variable importance from single and ensemble models. a) and b) refer to model performance metrics from single and ensemble models, respectively. c) and d) refer to variable importance from single and ensemble models, respectively.

Supporting Information Figure S3. Projection maps for *Tropidurus oreadicus* suitability under different past environmental conditions. The red line delimits the Cerrado biome, circles refer to occurrence points used to train the Species Distribution Model, and dark blue refers to the kernel density contour area used to train the model. The blue gradient refers to the suitability gradient with lower and higher suitability, respectively, from lighter to darker blue. a) Miocene/Pliocene transition (5.4 MA), b) Last Interglacial (LIG), c) Last Glacial Maximum (LGM), and d) Mid-Holocene.

Supporting Information Figure S4. *Tropidurus oreadicus* occurrence and genetic data. Circles refer to the unique 175 expert evaluated records for our initial dataset, and the Xs refer to the localities for which we sampled the genetic data. Dark green refer to the kernel density contour area used to train the model. The Cerrado biome is represented in orange and Amazon biome in green.

Supporting Information Figure S5 Phylogenetic tree with the three monophyletic clades.

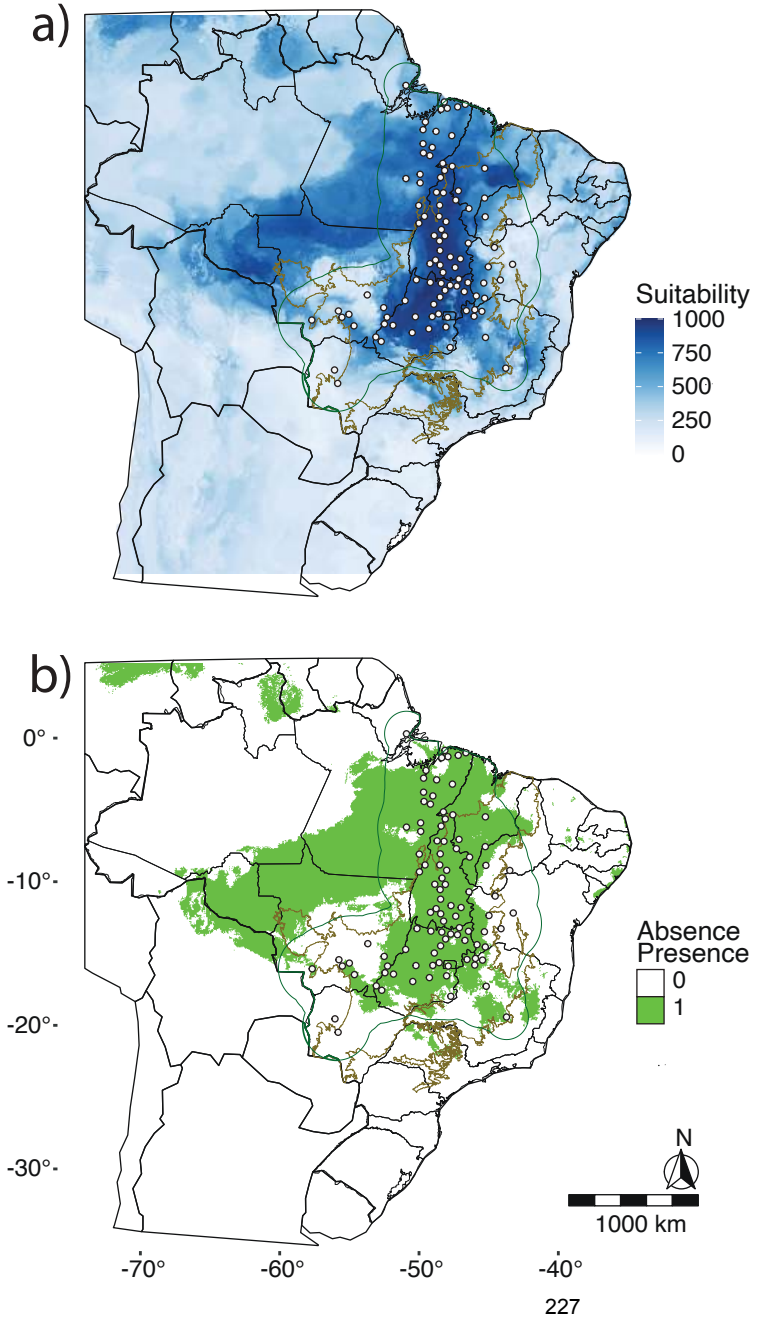
Supporting Information Figure S6. Monophyletic clades from phylogenetic reconstruction mapped to *Tropidurus oreadicus* complete distribution. Circles refer to *T. oreadicus* occurrences, genetic data is represented by the Xs, and clades are identified by different colors. The Cerrado biome is outlined in orange.

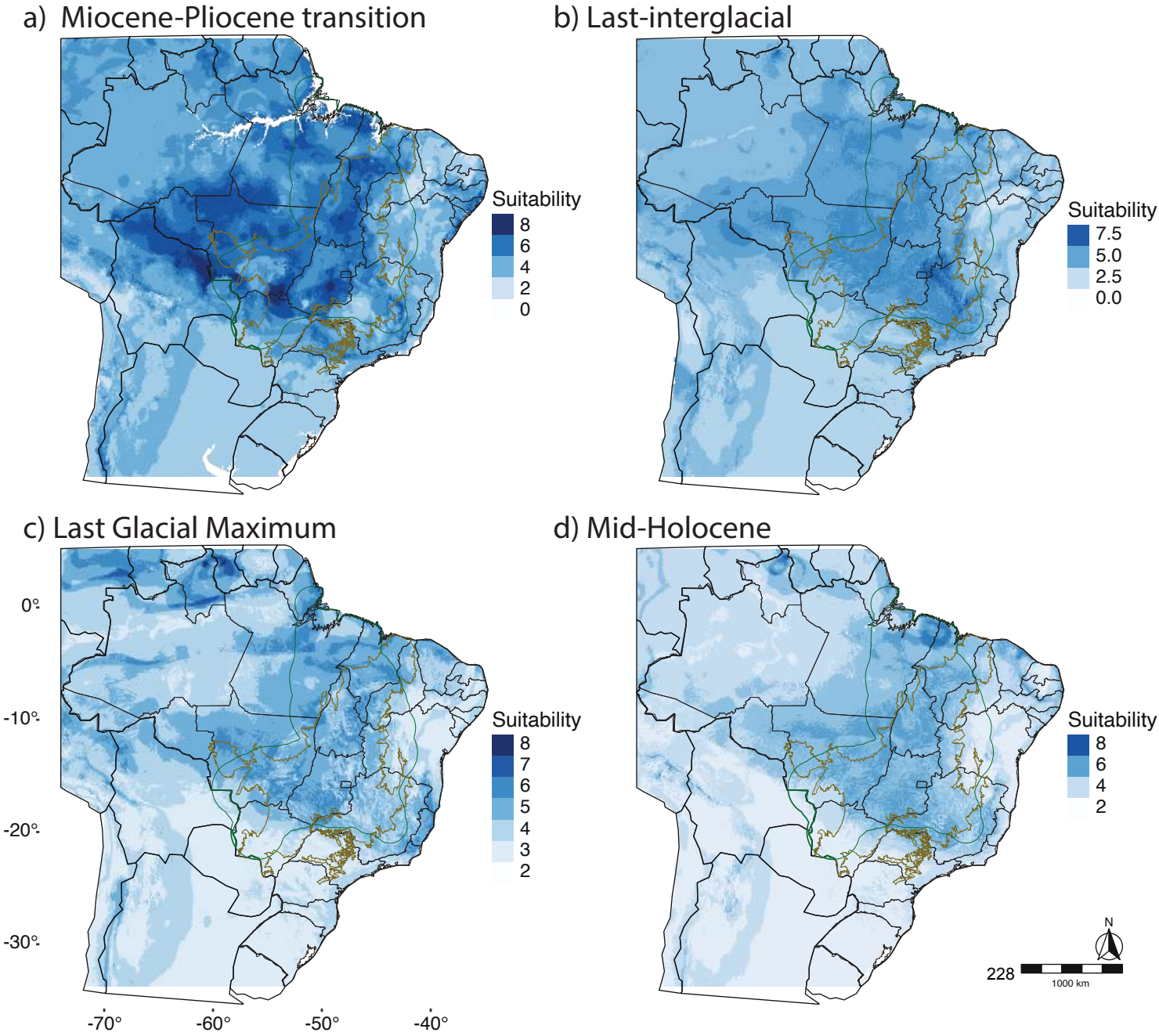
Supporting Information Figure S7. Binary projection maps for *Tropidurus oreadicus* under environmental conditions from three periods and three future climate change scenarios. The red line delimits the Cerrado biome, circles refer to occurrence points used to train the Species Distribution Model, and dark green refers to the kernel density contour area used to train the model. Green represents the presence area delimited with the TSS threshold.

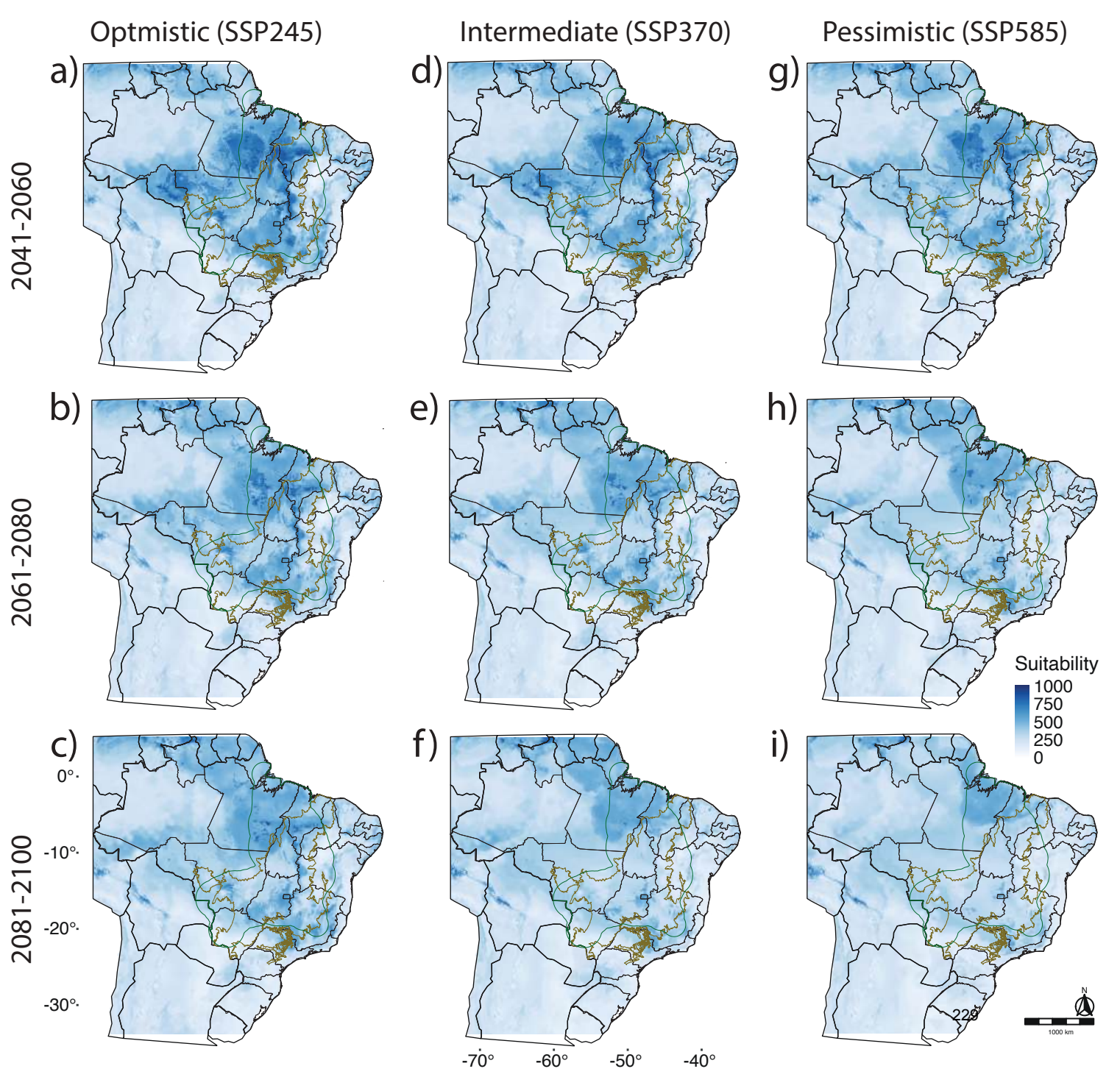
Supporting Information Figure S8. Areas created for *Tropidurus oreadicus* by the end of the century under environmental conditions from three future climate change scenarios. Successive changes for the three time ranges evaluated. Rear areas (suitable in present, unsuitable in future) in light purple, stable areas (suitable in present, suitable in future) in light orange, and lead areas (unsuitable in present, suitable in future) in dark purple. The light brown line delimits the Cerrado biome, circles refer to the occurrence points used to train the Species Distribution Model, and dark green refers to the kernel density contour area used to

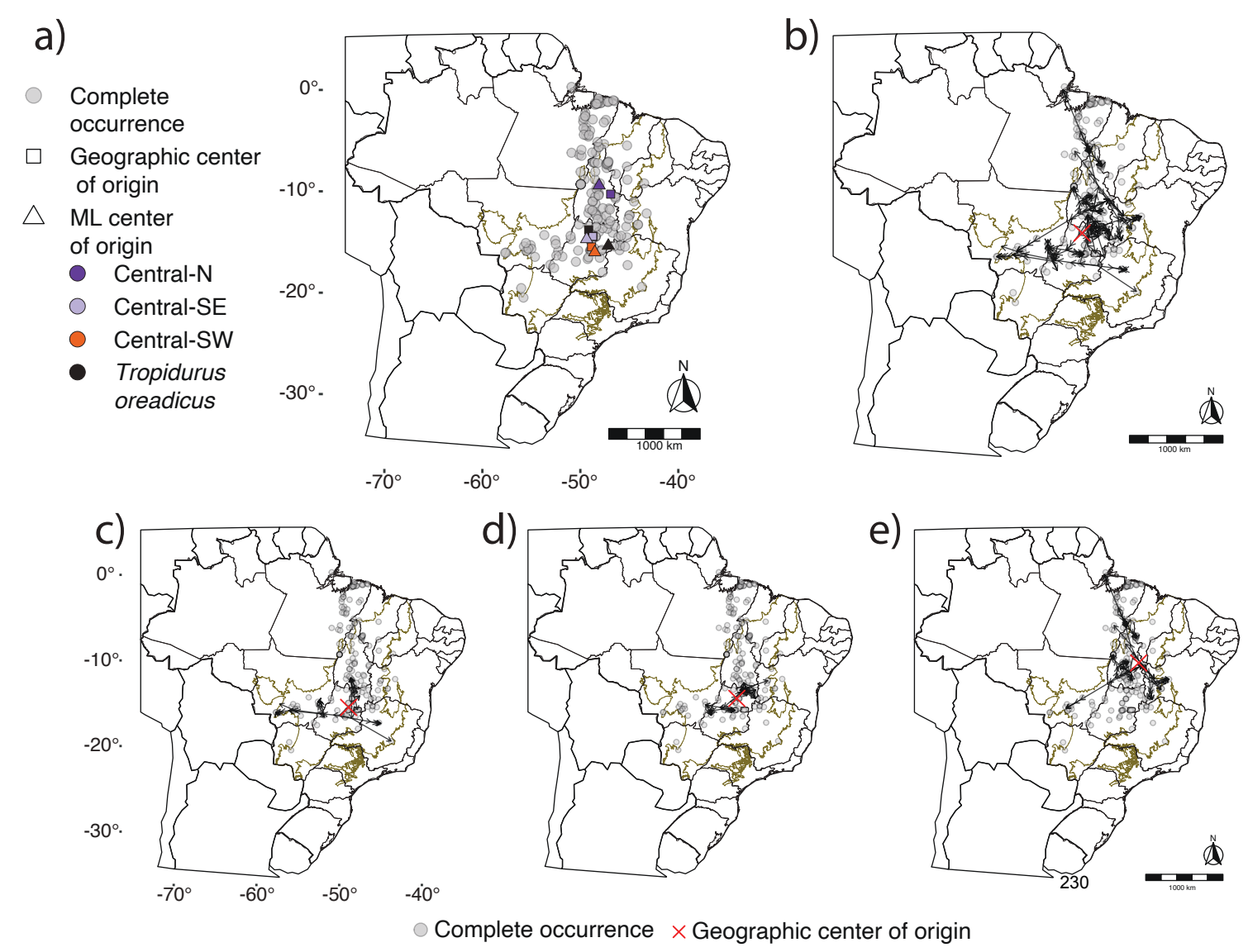
train the model. a) optimistic scenario (SSP245); b) intermediate scenarios, (SSP370); and c) pessimistic scenario, (SSP585).

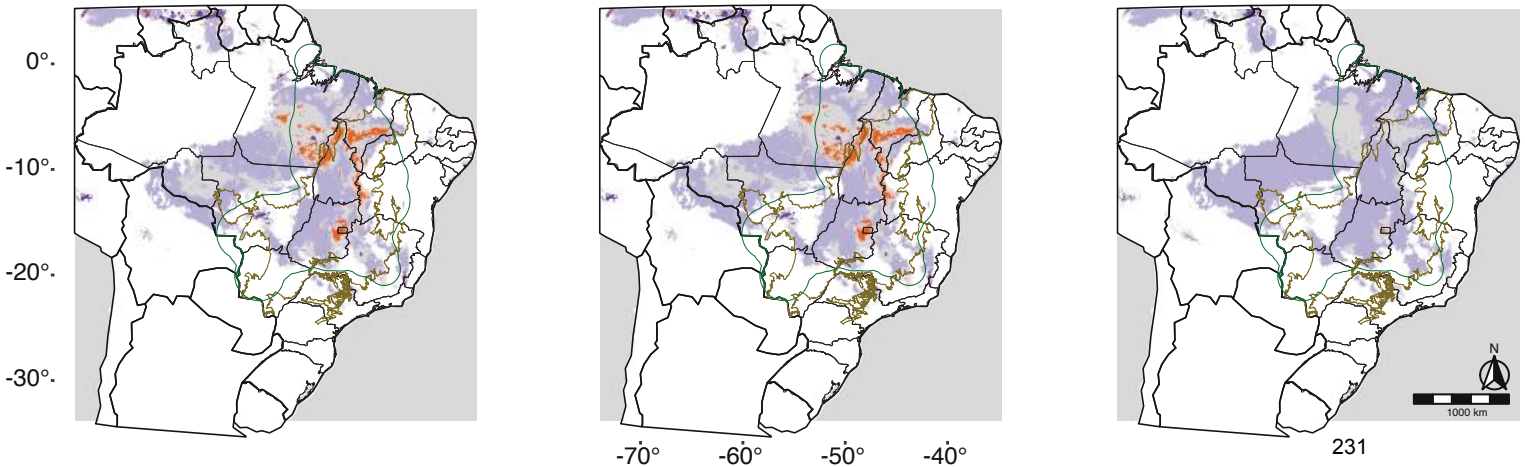
Supporting Information Figure S9. Schoener's D distribution and associated *p*-value for equivalency (I) and similarity (II) tests (statistically significant *p*-values in bold). The scenarios of future climate change refer to optimistic (SSP245, a-c), intermediate (SSP370, d-f), and pessimistic (SSP585, g-i) scenarios. a, d, g) rear areas; b, e, h) stable areas; c, f, i) lead areas.

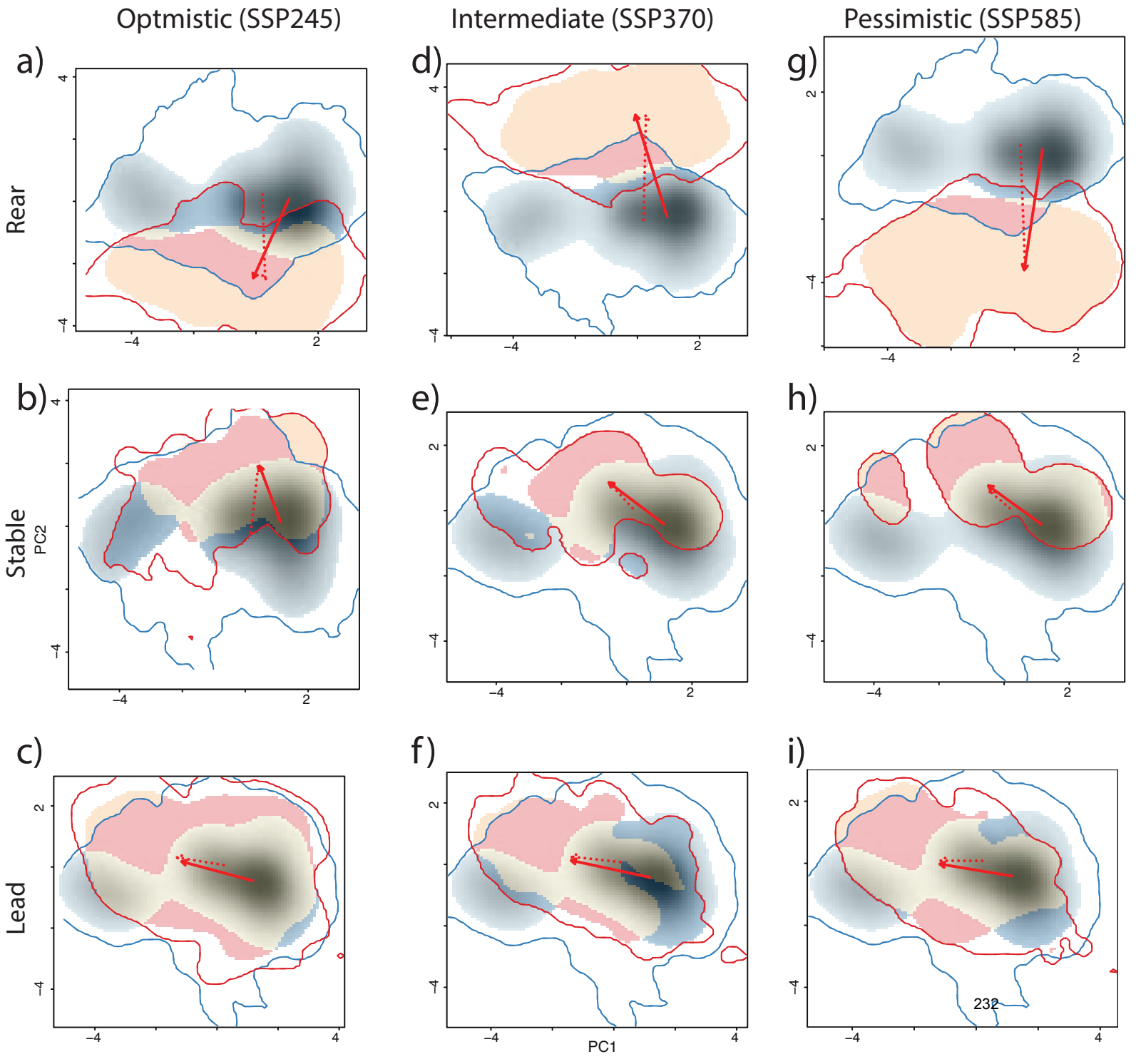

a)
Suitability
1000
750
500
250
0
b)
0°
-10°
-20°
-30°
Absence
Presence
0
1
N
1000 km
-70°
-60°
-50°
-40°

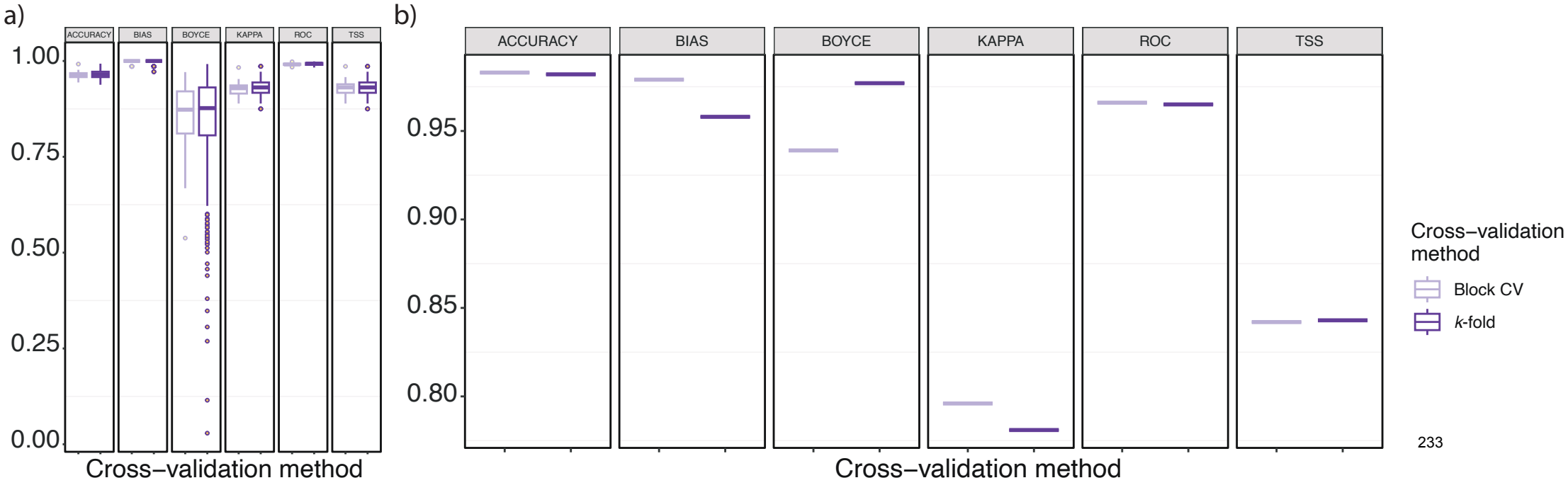

a) Miocene-Pliocene transition
Suitability
8
6
4
2
0
b) Last-interglacial
Suitability
7.5
5.0
2.5
0.0
c) Last Glacial Maximum
Suitability
8
7
6
5
4
3
2
0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
d) Mid-Holocene
Suitability
8
6
4
2
N
228
1000 km

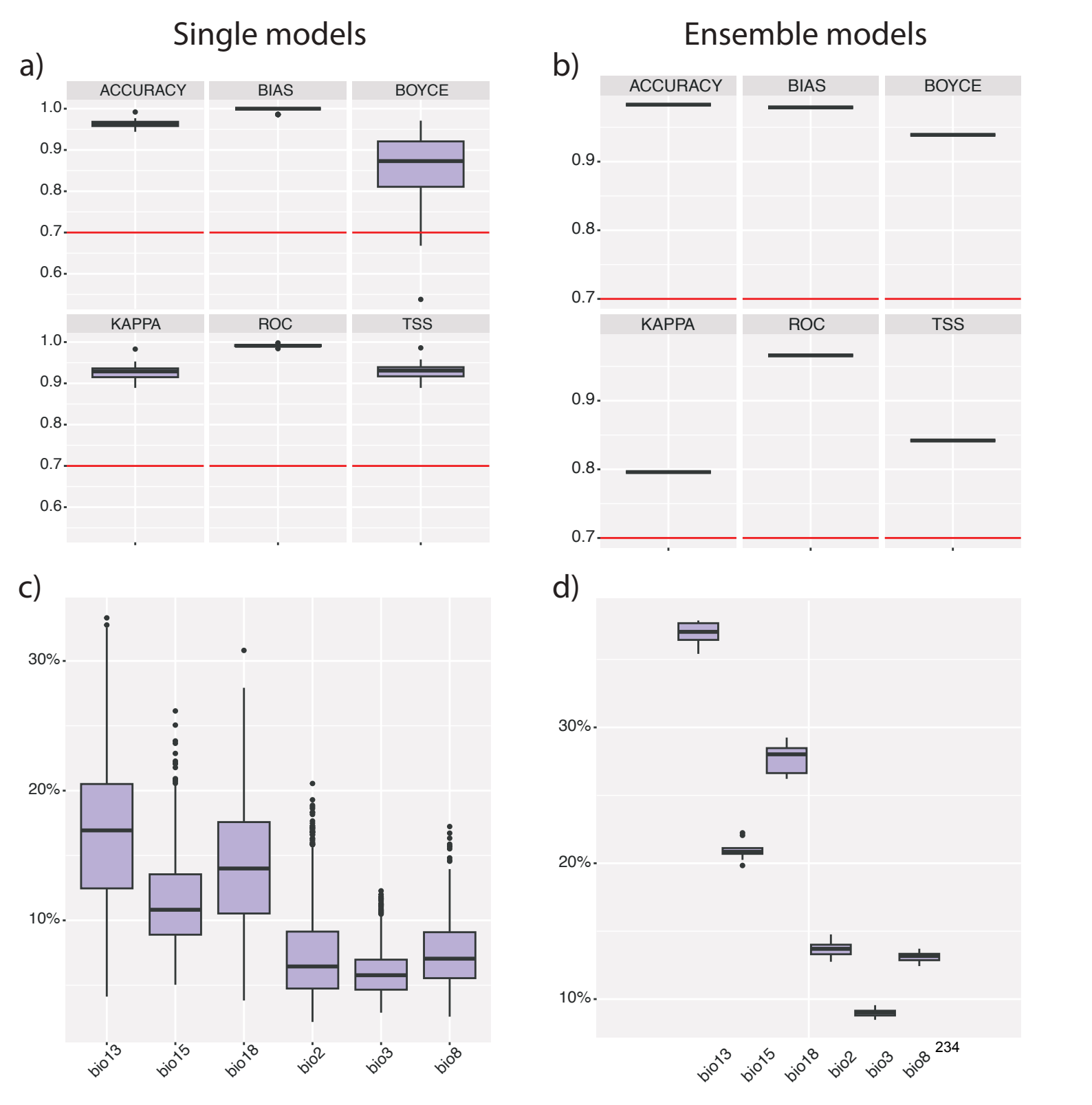

Optmistic (SSP245)
Intermediate (SSP370)
Pessimistic (SSP585)
2041-2060
2061-2080
2081-2100
a)
b)
c)
d)
e)
f)
g)
h)
i)
Suitability
1000
750
500
250
0
0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
N
1000 km

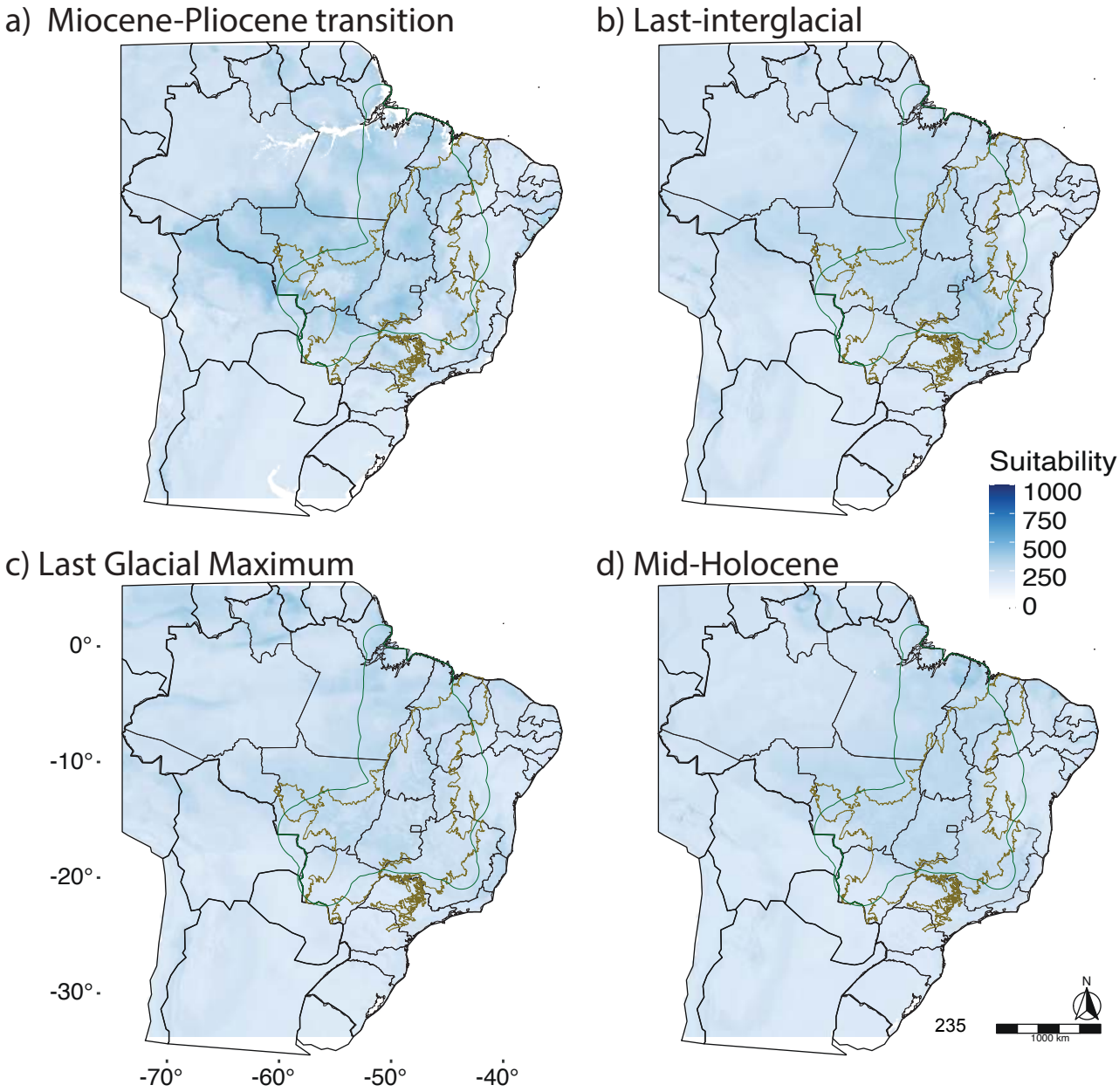

a)
Complete occurrence
Geographic center of origin
ML center of origin
Central-N
Central-SE
Central-SW
Tropidurus oreadicus
0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
N
1000 km
b)
c)
d)
e)
230
Complete occurrence
Geographic center of origin

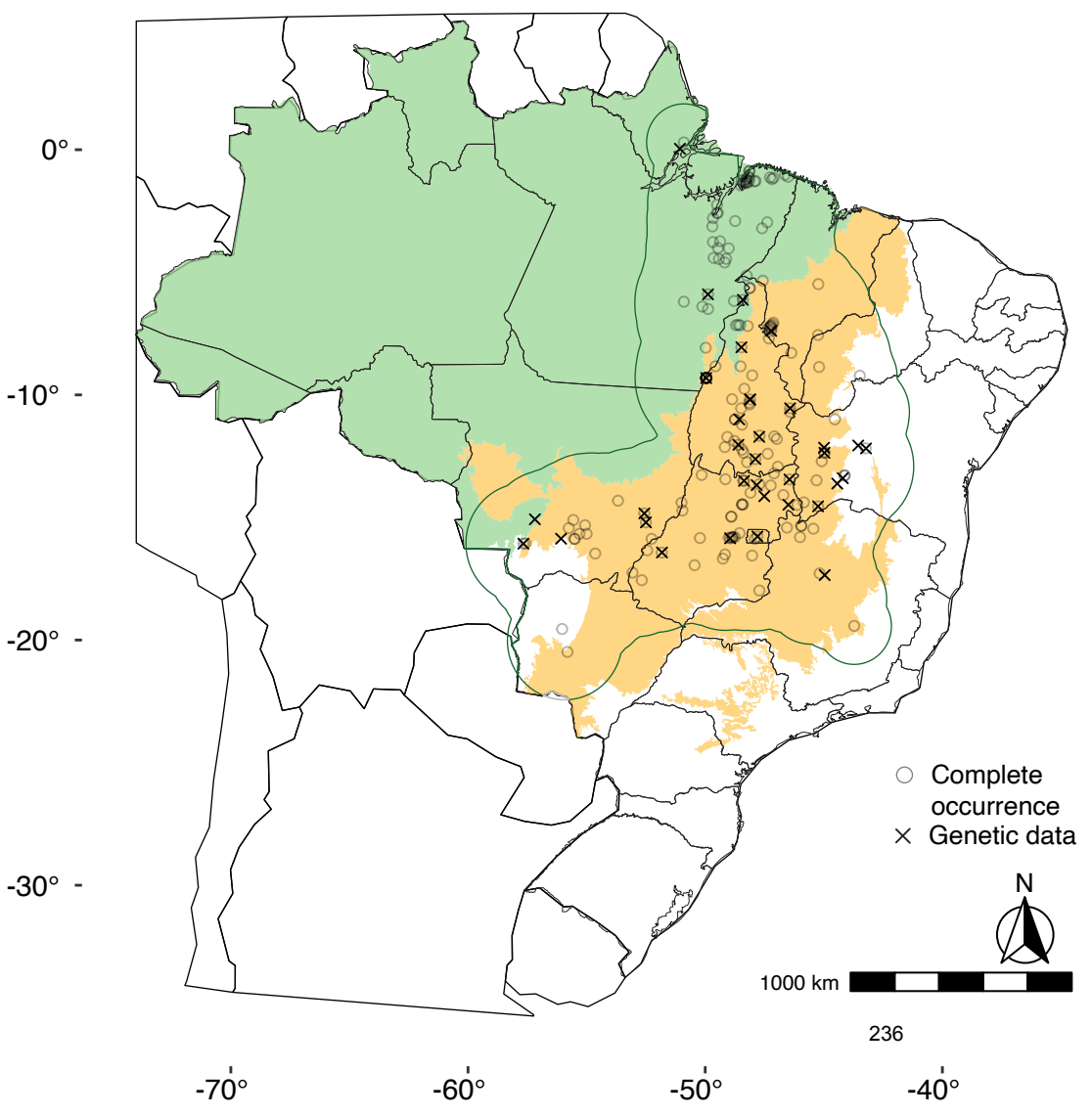

a) Optmistic (SSP245)
b) Intermediate (SSP370)
c) Pessimistic (SSP585)
0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
N
1000 km
231
Rear in all (-0.5)
Unsuitable in all (0)
Stable in all (0.5)
Lead in all (1)

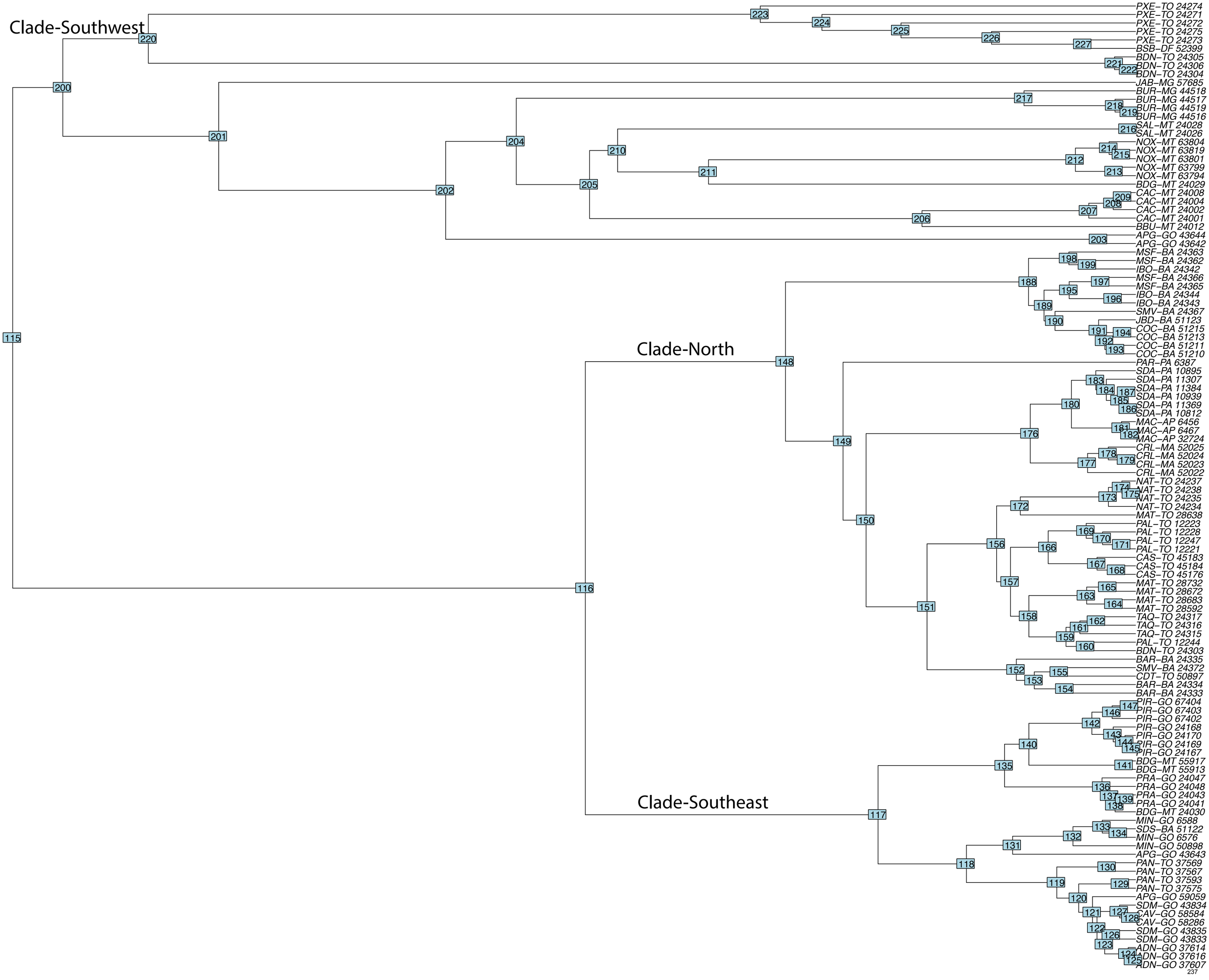

Optmistic (SSP245)
Intermediate (SSP370)
Pessimistic (SSP585)
a)
d)
g)
b)
e)
h)
c)
f)
i)
Rear
Stable
Lead
PC2
PC1
232

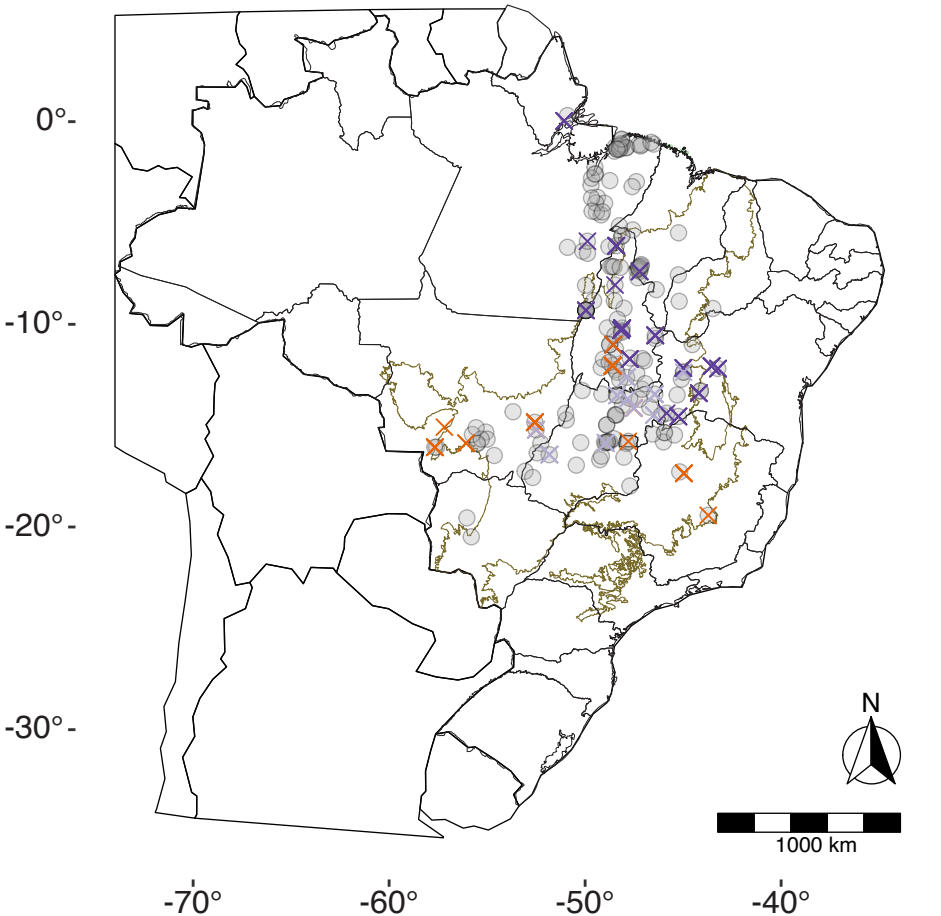

a)
b)
ACCURACY
BIAS
BOYCE
KAPPA
ROC
TSS
1.00
0.75
0.50
0.25
0.00
0.95
0.90
0.85
0.80
Cross−validation method
Cross−validation method
Cross−validation method
Block CV
k-fold


Single models
Ensemble models
a)
b)
c)
d)
ACCURACY
BIAS
BOYCE
KAPPA
ROC
TSS
1.0
0.9
0.8
0.7
0.6
30%
20%
10%
bio13
bio15
bio18
bio2
bio3
bio8
234


a) Miocene-Pliocene transition
b) Last-interglacial
c) Last Glacial Maximum
d) Mid-Holocene
Suitability
1000
750
500
250
0
0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
N
235
1000 km


0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
Complete occurrence
Genetic data
N
1000 km

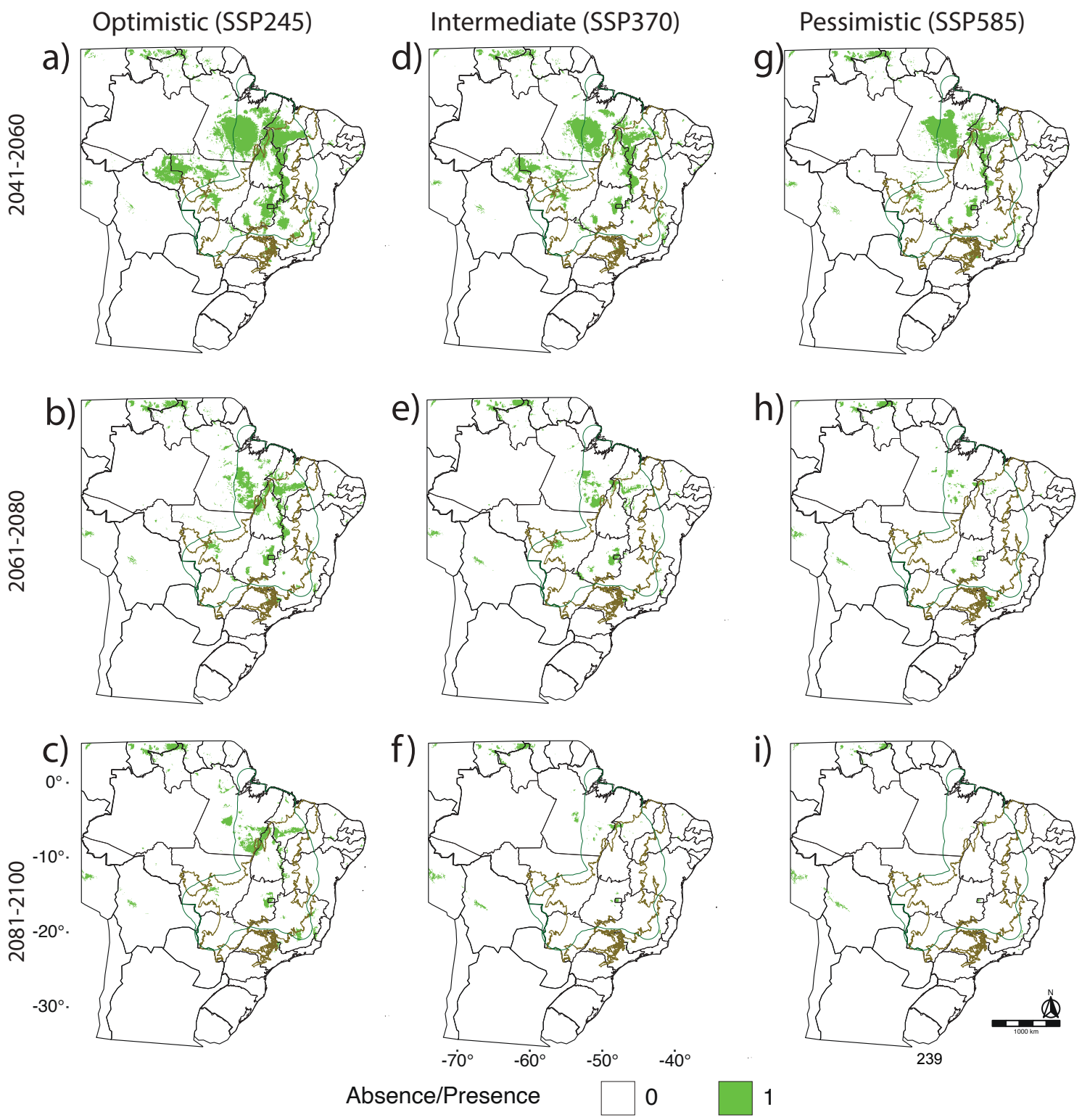

Clade-Southwest
Clade-North
Clade-Southeast
PXE–TO 24274
PXE–TO 24271
PXE–TO 24272
PXE–TO 24275
PXE–TO 24273
BSB–DF 52399
BDN–TO 24305
BDN–TO 24306
BDN–TO 24304
JAB–MG 57685
BUR–MG 44518
BUR–MG 44517
BUR–MG 44519
BUR–MG 44516
SAL–MT 24028
SAL–MT 24026
NOX–MT 63804
NOX–MT 63819
NOX–MT 63801
NOX–MT 63799
NOX–MT 63794
BDG–MT 24029
CAC–MT 24008
CAC–MT 24004
CAC–MT 24002
CAC–MT 24001
BBU–MT 24012
APG–GO 43644
APG–GO 43642
MSF–BA 24363
MSF–BA 24362
IBO–BA 24342
MSF–BA 24366
MSF–BA 24365
IBO–BA 24344
IBO–BA 24343
SMV–BA 24367
JBD–BA 51123
COC–BA 51215
COC–BA 51213
COC–BA 51211
COC–BA 51210
PAR–PA 6387
SDA–PA 10895
SDA–PA 11307
SDA–PA 11384
SDA–PA 10939
SDA–PA 11369
SDA–PA 10812
MAC–AP 6456
MAC–AP 6467
MAC–AP 32724
CRL–MA 52025
CRL–MA 52024
CRL–MA 52023
CRL–MA 52022
NAT–TO 24237
NAT–TO 24238
NAT–TO 24235
NAT–TO 24234
MAT–TO 28638
PAL–TO 12223
PAL–TO 12228
PAL–TO 12247
PAL–TO 12221
CAS–TO 45183
CAS–TO 45184
CAS–TO 45176
MAT–TO 28732
MAT–TO 28672
MAT–TO 28683
MAT–TO 28592
TAQ–TO 24317
TAQ–TO 24316
TAQ–TO 24315
PAL–TO 12244
BDN–TO 24303
BAR–BA 24335
SMV–BA 24372
CDT–TO 50897
BAR–BA 24334
BAR–BA 24333
PIR–GO 67404
PIR–GO 67403
PIR–GO 67402
PIR–GO 24168
PIR–GO 24170
PIR–GO 24169
PIR–GO 24167
BDG–MT 55917
BDG–MT 55913
PRA–GO 24047
PRA–GO 24048
PRA–GO 24043
PRA–GO 24041
BDG–MT 24030
MIN–GO 6588
SDS–BA 51122
MIN–GO 6576
MIN–GO 50898
APG–GO 43643
PAN–TO 37569
PAN–TO 37567
PAN–TO 37593
PAN–TO 37575
APG–GO 59059
SDM–GO 43834
CAV–GO 58584
CAV–GO 58286
SDM–GO 43835
SDM–GO 43833
ADN–GO 37614
ADN–GO 37616
ADN–GO 37607

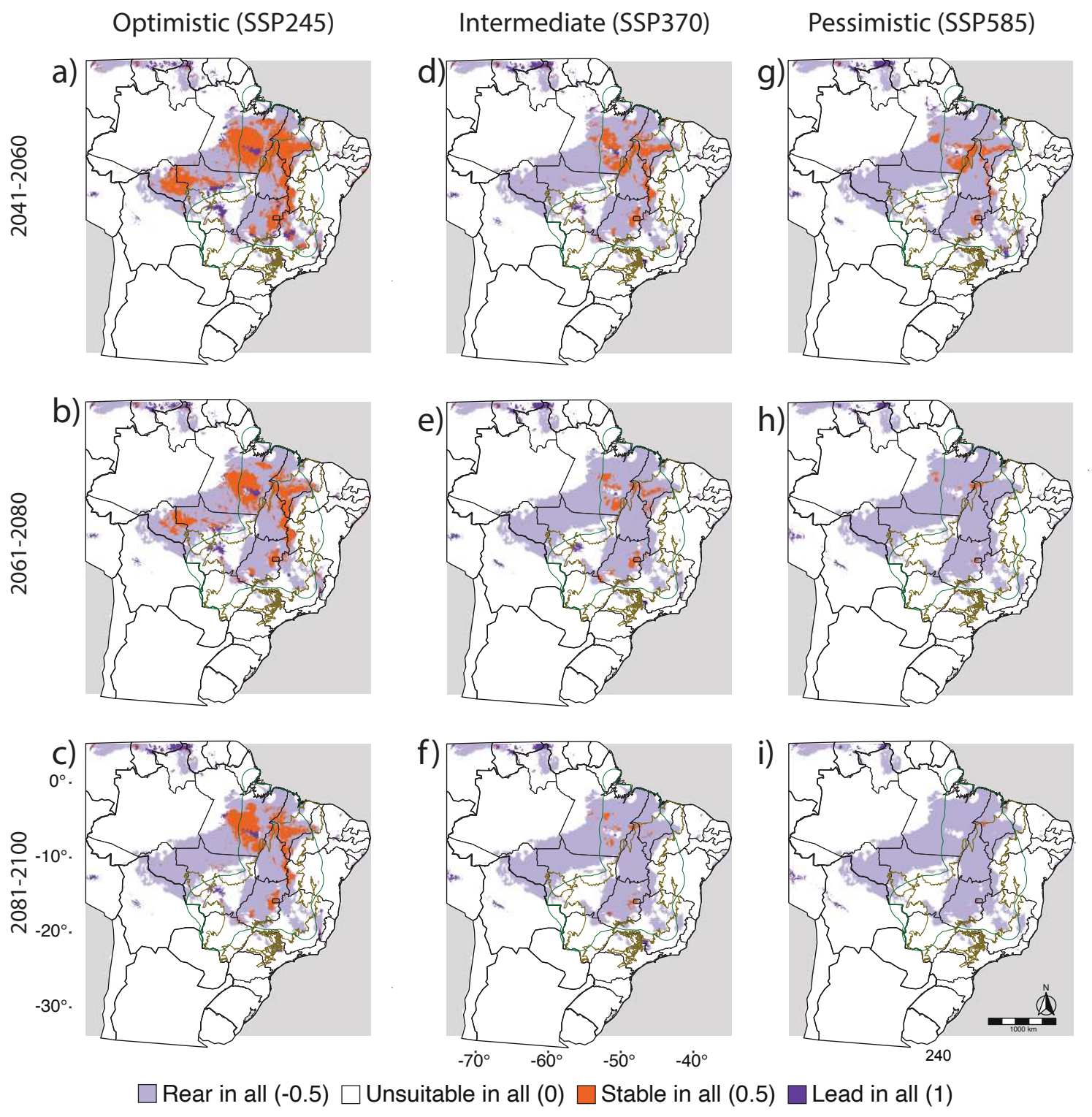


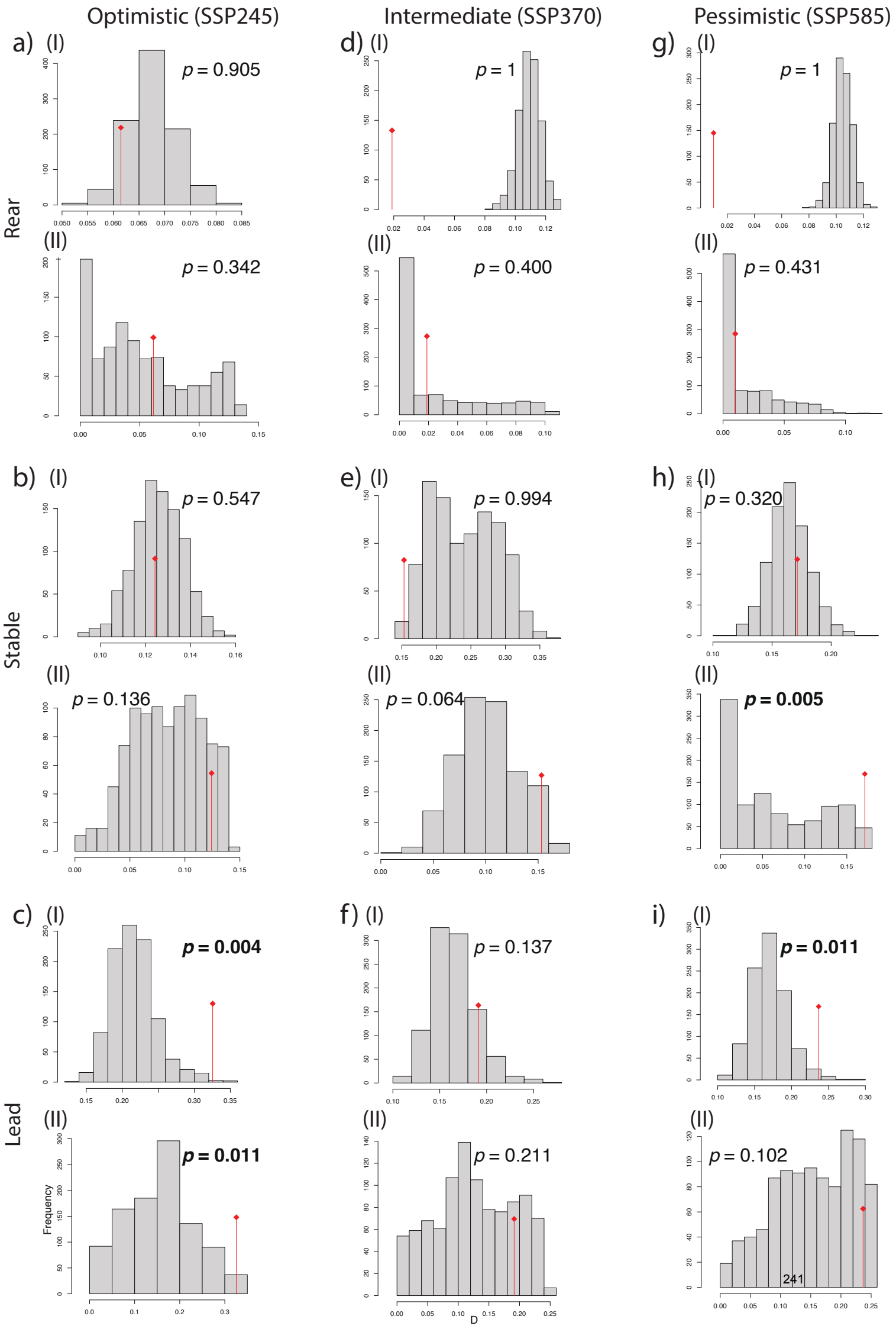
Monophyletic clades

238

× Central-North × Central-Southeast × Central-Southwest


Optimistic (SSP245)
Intermediate (SSP370)
Pessimistic (SSP585)
2041-2060
2061-2080
2081-2100
a)
b)
c)
d)
e)
f)
g)
h)
i)
0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
N
1000 km
239
Absence/Presence
0
1


Optimistic (SSP245)
Intermediate (SSP370)
Pessimistic (SSP585)
a)
b)
c)
d)
e)
f)
g)
h)
i)
2041-2060
2061-2080
2081-2100
0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
240
N
1000 km
Rear in all (-0.5)
Unsuitable in all (0)
Stable in all (0.5)
Lead in all (1)


Optimistic (SSP245)
Intermediate (SSP370)
Pessimistic (SSP585)
Rear
Stable
Lead
a) (I) p = 0.905
(II) p = 0.342
d) (I) p = 1
(II) p = 0.400
g) (I) p = 1
(II) p = 0.431
b) (I) p = 0.547
(II) p = 0.136
e) (I) p = 0.994
(II) p = 0.064
h) (I) p = 0.320
(II) p = 0.005
c) (I) p = 0.004
(II) p = 0.011
f) (I) p = 0.137
(II) p = 0.211
i) (I) p = 0.011
(II) p = 0.102
241
Frequency
D

Range dynamics from a lizard: phylogeographic reconstruction and future perspectives of rear, stable, and lead populations.

Appendix S1: Additional methodological details and results

Tropidurus oreadicus occurrence data

We used expert evaluated records for our occurrence data, with an initial dataset of 175 *Tropidurus oreadicus* records. An important step for Species Distribution Modelling is to properly define the study area, so that it represents the environments suitable for the species while not over-extending it (Franklin, 2023; Soley-Guardia et al., 2024). We created a polygon around our occurrence records using Kernel Density Estimation with the *adeHabitatHR* R package (Calenge & Fortmann-Roe, 2024), as this was the best performing algorithm in Jarnevich et al. (2017). Even though our study area likely encompasses the complete present distribution of *T. oreadicus* we applied geographic and environmental filters to avoid sampling biases (Soley-Guardia et al., 2024; Varela et al., 2014). We retained only a single record within a 50 km radius (Boria et al., 2014; Franklin, 2023). We proposed to apply an environmental filter, which accounts for the covariation in environmental space, as done by Varela et al. (2014). We used the function *occfilt_env* from the *flexsdm* R package (Velazco et al., 2022), on which we set the number of classes for dividing the environmental space. We followed the methodology suggested by Castellanos et al. (2019) to set the final number of classes in which to divide the environmental space. They proposed testing the spatial autocorrelation (with Moran's I index) of occurrences filtered with different numbers of environmental classes, selecting the number of classes that retains the most occurrences while decreasing spatial autocorrelation. We checked the spatial autocorrelation of the three variables with the biggest loadings from the first component (PC1) of a Principal Component Analysis, which we interpreted as the three most important variables: mean diurnal range (bio2), isothermality (bio3), and precipitation of the wettest month (bio13). The Moran's I (calculated with the *spded* R package (Bivand et al., 2024)) was very similar for the tested classes (Table S1.1) such that applying an environmental filter substantially decreased the number of occurrences retained but did not substantially decrease the spatial autocorrelation. Since sample size is relevant for model performance (Moudrý et al., 2024; Soley-Guardia et al., 2024), our final dataset contained 96 occurrence records, representing the best balance between keeping the most occurrences while avoiding sampling bias (Figure S1.1).

Evaluating environmental similarity

We created Multivariate Environmental Similarity Surfaces (MESS) to check for environmental similarity between present conditions used to train the model and the conditions used for model

projection. MESS measures the environmental similarity between a reference set of points and another set of environmental conditions and allows for mapping in geographical space (Elith et al., 2010). MESS maps showed that past conditions (Figure S1.2) are highly dissimilar to present conditions. Future conditions were more like present conditions (Figure S1.3). We also ran a Principal Component Analysis (PCA) for the environmental conditions from the different periods to check for maintenance of the correlation structure among predictors as an additional evaluation of environmental similarity (Werkowska et al., 2017). Variable correlation changed between present and past conditions (Figure S1.4b-e)., with the most similar correlation between variables at the Miocene/Pliocene transition (Figure S1.4b). Variable correlation of present and future conditions are similar, seeming to only shift in their axes for some comparisons (Figure S1.f-n).

Genetic clustering

We ran a genetic clustering analysis with fastBAPS (*fastBAPS* R package (Tonkin-Hill et al., 2019)). This algorithm allows for efficient model-based clustering, identifying an approximate fit of a Dirichlet process mixture model for clustering multilocus data (Tonkin-Hill et al., 2019). Mitochondrial sequences had more clusters, as would be expected due its higher mutation rate and maternal, non-recombining inheritance (Avise et al., 1987; Brown et al., 1979; Pahad et al., 2019) . The monophyletic clades from *T. oreadicus*' phylogenetic reconstruction overlapped with the genetic clusters obtained by fastBAPS' hierarchical clustering from both mitochondrial and nuclear sequences. The maps for these clusters are shown in Figure S1.5.

Classifying populations as rear, stable, and leading edge

We checked if suitable areas will be kept, lost or gained by the end of the century under optimistic, intermediate and pessimistic scenarios of climate change. Rear areas are those that were suitable in the present and will no longer be suitable in the future, stable areas are those that will remain suitable, and leading areas are those that were not suitable in the present and will become suitable in the future. For this we used the binary suitability rasters (0 = not suitable, 1 = suitable). We multiplied by 0.5 the binary raster from present conditions and subtracted each raster representing the time range from each scenario, resulting in four values and corresponding categories: rear areas (-0.5), areas unsuitable in the present that will remain unsuitable in the future (0), stable areas (0.5), and leading areas (1). We added the three time ranges from each climate change scenario to get our final representation of rear, stable, and lead areas.

Niche dynamic analysis

We used the *ecospat* R package (Broennimann et al., 2024; Di Cola et al., 2017) which allows for evaluations of niche overlap between two entities – two partial ranges in our case). Niche conservatism should be seen as a continuum, so we evaluated both niche similarity and equivalency (Warren et al., 2008), applying the statistical framework developed by Broennimann et al. (2012). Additional evidence can be gained from the COUE framework (Centroid shift, Overlap, Unfilling, and Expansion), developed by Guisan et al. (2014). For this comparison of niches representing present and future environmental conditions, centroid shift refers to the change in the mean position of the n-dimensional space representing the species' niche; overlap refers to the intersection between present and future niches; unfilling refers to the proportion of present niche that is not found in the future niche; and expansion refers to the proportion of future niche that is not found in the present niche space. *ecospat* also shows non-analog conditions, referring to regions of climate space that are not shared by the "native" and "invasive" ranges, such that niche abandonment and pioneering are the non-analog counterparts of unfilling and expansion, respectively (Atwater et al., 2017). We focus on the "native" niche when plotting these comparisons (*interest* = 1, from *ecospat.plot.niche.dyn*, as a representation of the complete niche space currently suitable for the species).

The *ecospat* framework consists in three steps (Di Cola et al., 2017). 1) We calculated a Principal Component Analysis (PCA) with the environmental variables (same as used to train the Species Distribution Model) from both areas to be compared, transforming the first two Principal Components (PCs) into densities by kernel smoothers. 2) We used these density grids to calculate Schoener's D index as a measure of niche overlap, and 3) applied the statistical tests of niche equivalency and similarity (Broennimann et al., 2012; Warren et al., 2008). Both tests are run by permutations of the environmental conditions. The niche equivalency randomly permutes the environmental conditions from occurrences between the areas compared and the niche similarity test randomly permutes the environmental conditions from the complete background areas compared. We used *ecospat*'s suggested parameters to test for niche conservatism, with the alternative hypothesis of niche overlap being more equivalent/similar than random niches. We ran both tests with 1000 permutations. Particularly for niche similarity, we used *rand.type* = 2, to shift only the niche for the "invasive" species (each of the three categories created under future conditions from the three scenarios), such that the niche under present environmental conditions is considered as the reference niche (Di Cola et al., 2017). We expected a low niche overlap for rear areas, and high niche overlap for lead areas, indicating that the species would be following its fundamental niche.

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Supplementary Data SD1 Tables

Table S1.1: Moran's I results

	Moran's I statistics		
Number of environmental classes/number of occurrences	Mean diurnal range (bio2)	Isothermality (bio3)	Precipitation of the wettest month (bio13)
5 classes/74 occurrences	0. 66	0. 79	0. 68
10 classes/87 occurrences	0. 64	0. 79	0. 67
15 classes/92 occurrences	0. 64	0. 79	0. 66
20 classes/94 occurrences	0. 63	0. 79	0. 66

Table S1.2: Center of origin and non-random directionality test for *Tropidurus oreadicus* and its major monophyletic clades. The test statistics from Center of origin tests are calculated with 2*(Log-lik HA- Log-lik H0). Log-lik H0 and Log-lik HA refer, respectively, to the log-likelihoods of null and alternative hypothesis.

	Center of origin				**Non-random directionality**	
Clade	Log-lik H0	Log-lik HA	Test statistics	*p*	Test statistic (mean displacement)	*p*
Tropidurus oreadicus	-1155.40	-1146.74	17.31	1	0.20	1
Central-North	-564.44	-563.03	2.81	1	0.36	1
Central-Southeast	-287.81	-287.20	1.22	1	0.26	1
Central-Southwesr	-262.06	-261.75	0.62	1	0.27	1

Appendix S1 Figure legends

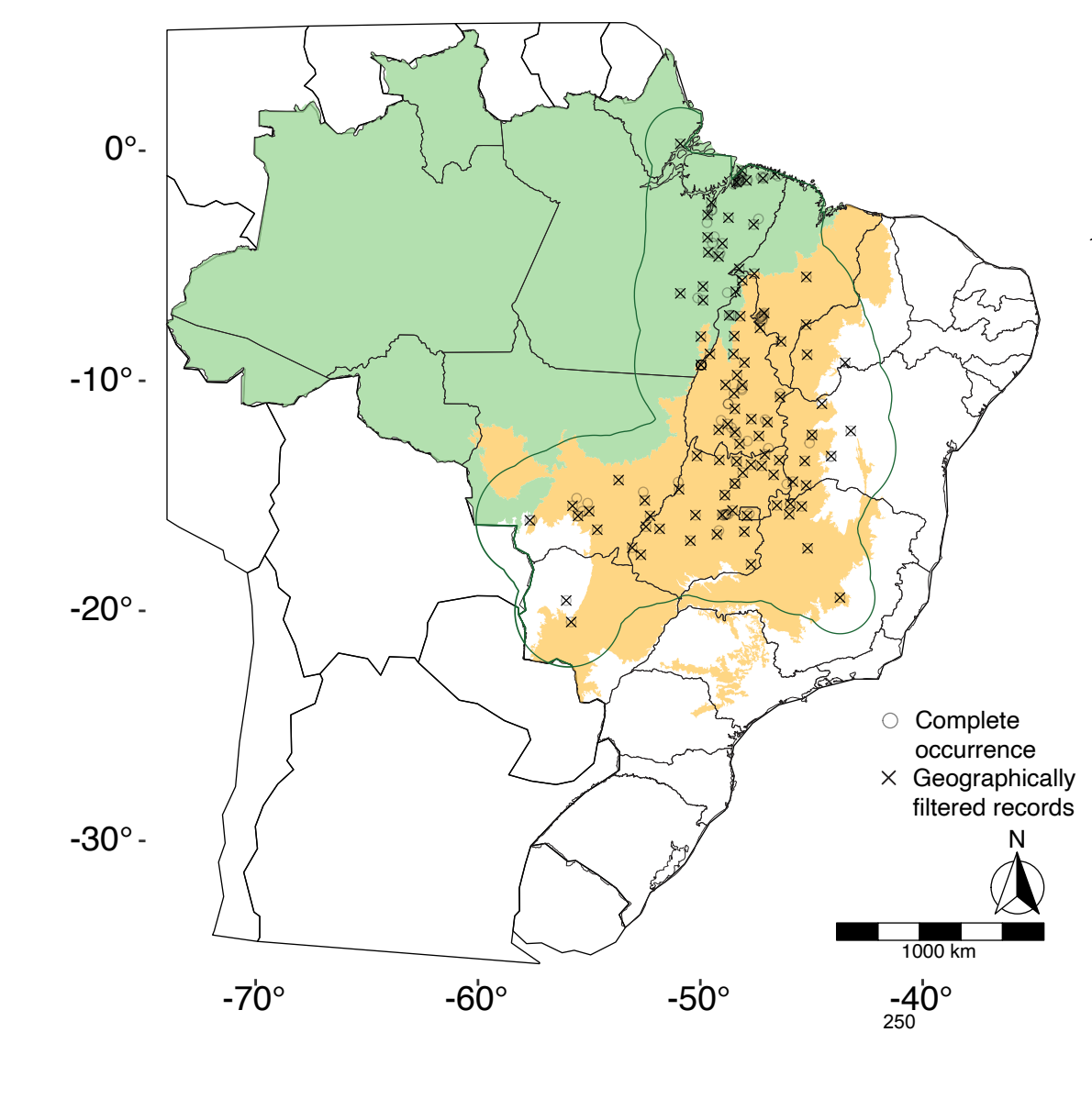
Figure S1.1: *Tropidurus oreadicus* occurrence. Circles refer to the unique 175 expert evaluated records for our initial dataset, and the Xs refer to the 96 geographically filtered records (50 km) used to train the Species Distribution Model. Dark green refer to the kernel density contour area used to train the model. The Cerrado biome represented in orange and Amazon biome in green.

Figure S1.2: Multivariate Environmental Similarity Surfaces (MESS) with present conditions as reference and a) Miocene/Pliocene transition, b) Last interglacial, c) Last Glacial Maximum and d) Mid-Holocene conditions as comparisons.

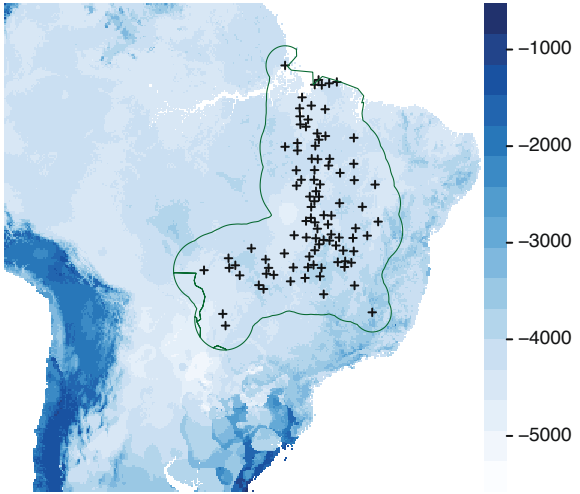
Figure S1.3: Multivariate Environmental Similarity Surfaces (MESS) with present conditions as reference and future conditions as comparisons. The time periods refer to 2041-2060 (a, d, g), 2061-2080 (b, e, h) and 2081-2100 (c, f, i). These periods are evaluated under optimistic (SSP245, a-c), intermediate (SSP370, d-f), and pessimistic (SSP585, g-i) scenarios of future climate change.

Figure S1.4: Principal Component Analysis from environmental variables used to trained the Species Distribution Model. Envionmental conditions from a) present, b-e) past, and f-n) future.

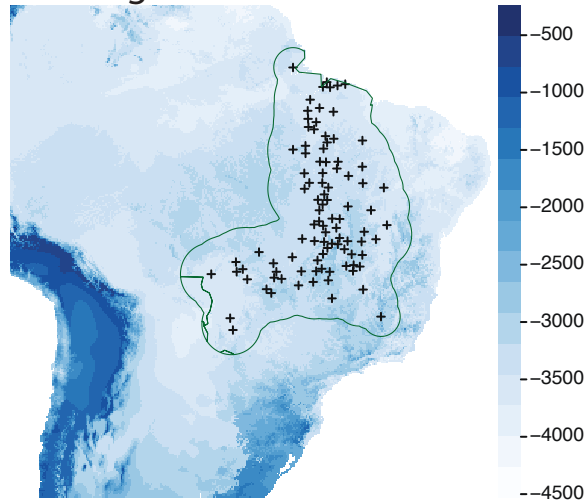
Figure S1.5: Monophyletic clades from phylogenetic reconstruction and clusters from fastBAPS hierarchical clustering mapped to *Tropidurus oreadicus* complete distribution. Circles refer to *T. oreadicus* occurrences, clusters from fastBAPS hierarchical clustering as shapes and monophyletic clades from the phylogeographic reconstruction as colors.


0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
Complete occurrence
Geographically filtered records
N
1000 km
250

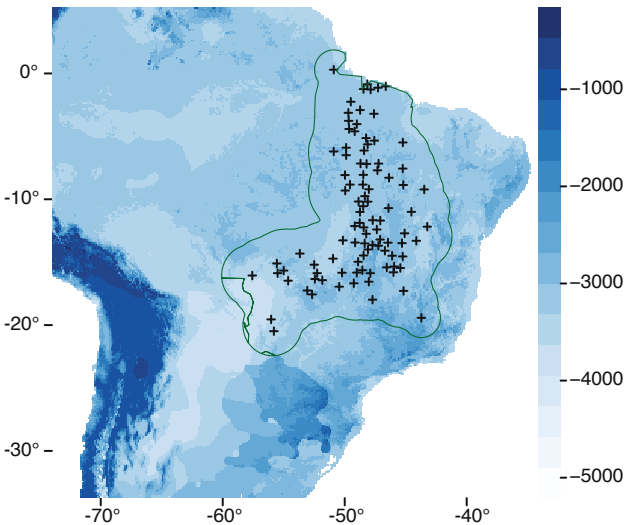
a) Miocene-Pliocene transition (5.4 Ma)



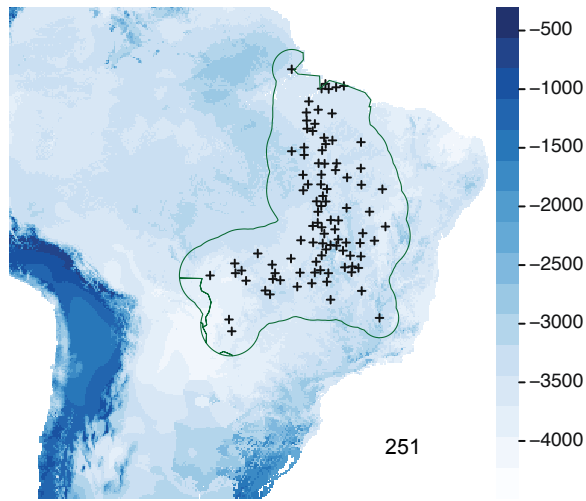
b) Last-interglacial

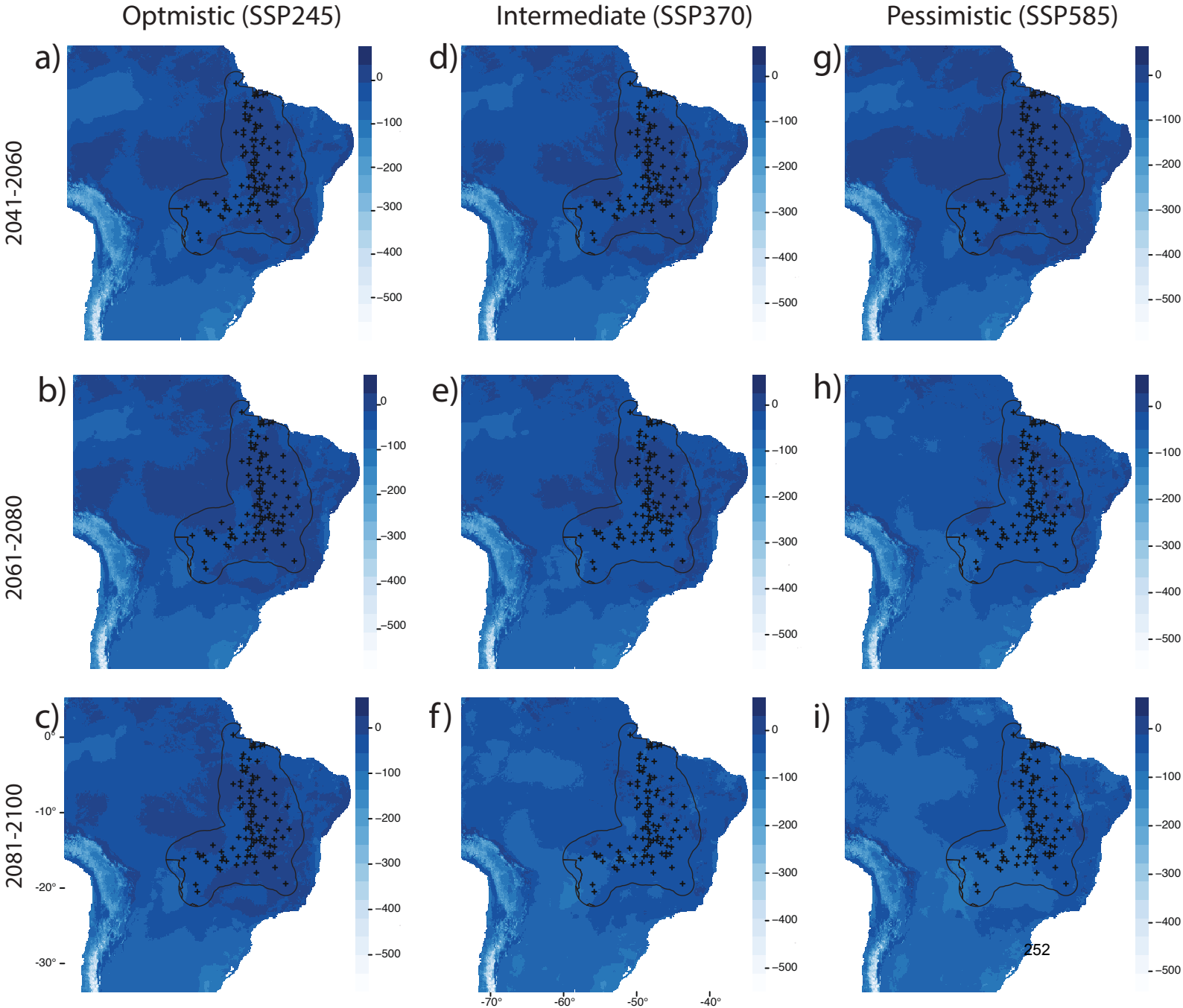


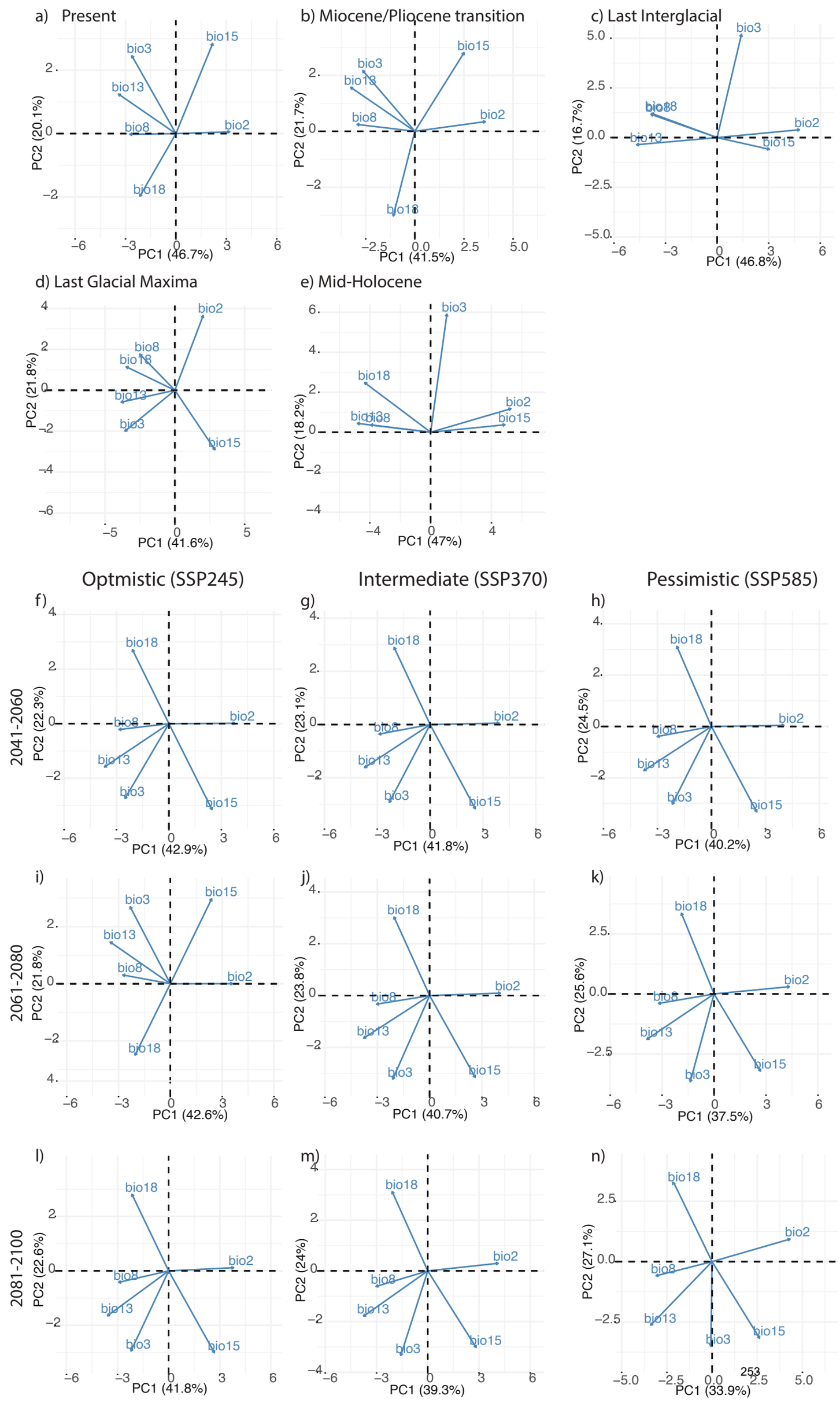
c) Last Glacial Maximum

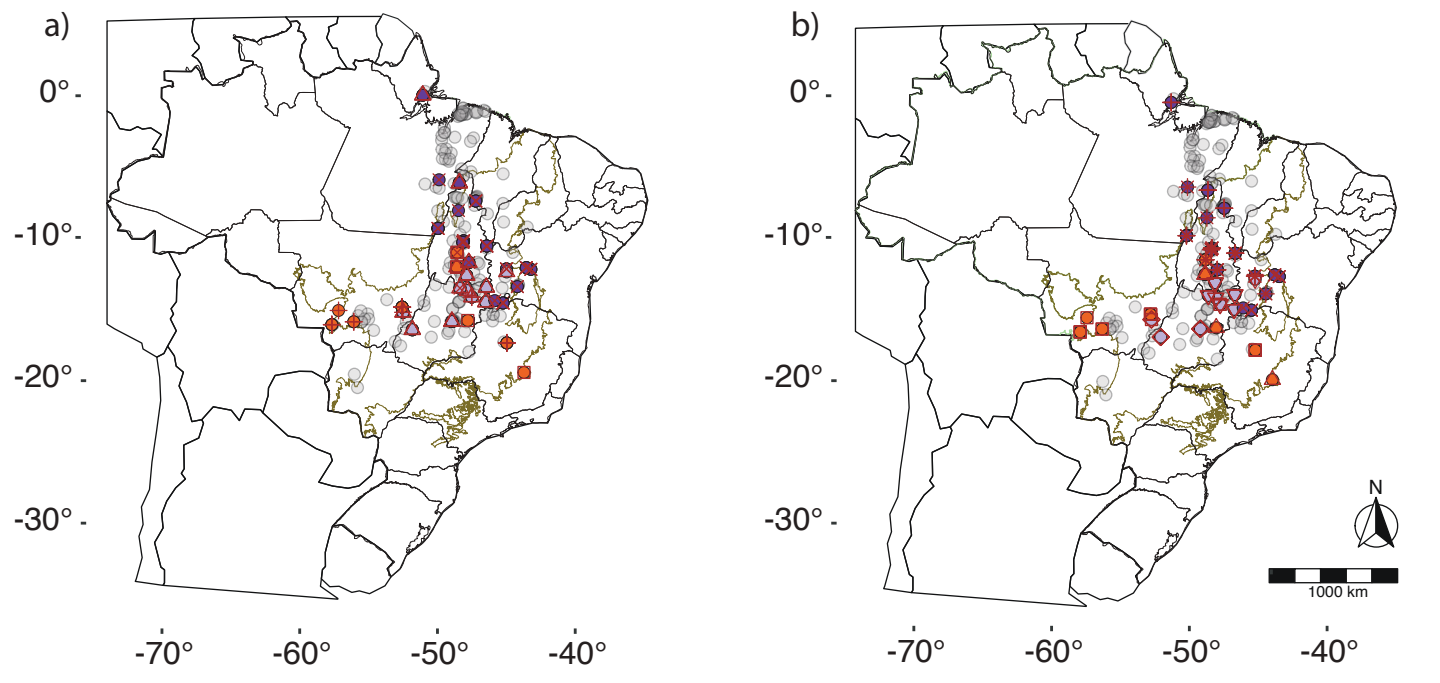


d) Mid-Holocene




Optmistic (SSP245)
Intermediate (SSP370)
Pessimistic (SSP585)
2041-2060
2061-2080
2081-2100
a)
b)
c)
d)
e)
f)
g)
h)
i)
0
−100
−200
−300
−400
−500
0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
252


a) Present
b) Miocene/Pliocene transition
c) Last Interglacial
d) Last Glacial Maxima
e) Mid-Holocene
Optmistic (SSP245)
Intermediate (SSP370)
Pessimistic (SSP585)
2041-2060
2061-2080
2081-2100
f)
g)
h)
i)
j)
k)
l)
m)
n)
bio2
bio3
bio8
bio13
bio15
bio18
PC1 (46.7%)
PC2 (20.1%)
PC1 (41.5%)
PC2 (21.7%)
PC1 (46.8%)
PC2 (16.7%)
PC1 (41.6%)
PC2 (21.8%)
PC1 (47%)
PC2 (18.2%)
PC1 (42.9%)
PC2 (22.3%)
PC1 (41.8%)
PC2 (23.1%)
PC1 (40.2%)
PC2 (24.5%)
PC1 (42.6%)
PC2 (21.8%)
PC1 (40.7%)
PC2 (23.8%)
PC1 (37.5%)
PC2 (25.6%)
PC1 (41.8%)
PC2 (22.6%)
PC1 (39.3%)
PC2 (24%)
PC1 (33.9%)
PC2 (27.1%)


a)
b)
0°
-10°
-20°
-30°
-70°
-60°
-50°
-40°
N
1000 km
Hierarchical gene clustering (Nuclear)
1
2
3
4
Ocurrence points
Monophyletic clades
Central-North
Central-Southeast
Central-Southwest
Hierarchical gene clustering (Mitochondrial)
1
2
3
4
5
6
7

Conclusão geral

A Hipótese Centro-periferia (CPH, do inglês *Center-periphery Hypothesis*) fornece um bom arcabouço teórico para avaliar padrões de distribuição dos organismos. No capítulo 1, identificamos que o desempenho entre as localidades avaliadas é dependente da linhagem de lagarto, assim como a confirmação da CPH. O isolamento histórico de fragmentos periféricos de Cerrado influenciou a comunidade de lagartos lá presentes, gerando oportunidades para indivíduos da linhagem *Tropidurus* explorarem os recursos disponíveis através de liberação ecológica. A distância para o centro do Cerrado e a conectividade entre fragmentos foram significativos para as diversidades alfa e beta. Esta significância ressalta a importância destes gradientes para composição das comunidades de parasitos, que foi afetada principalmente por gradientes espaciais e secundariamente por gradientes ambientais. No capítulo 2 identificamos que a centralidade geográfica é um gradiente importante para variação de desempenho demográfico de *Tropidurus itambere*, com os padrões de variação de assimetria flutuante na 1ª linha de escamas supra-orbitais e diferenciação genética do Citocromo b seguindo as predições da CPH. Ambas aumentaram com o aumento da distância do centroide da distribuição de *T. itambere*, sugerindo diminuição da adequabilidade ambiental neste gradiente. Os resultados reafirmam a importância de avaliações no contexto da CPH, indicando que a centralidade geográfica pode ser um bom *proxy* para a adequabilidade ambiental. No capítulo 3, identificamos que mudanças climáticas passadas foram um determinante importante para a distribuição presente de *Tropidurus oreadicus* e que sua distribuição será afetada negativamente por mudanças climáticas futuras. Nossa reconstrução filogeográfica indicou que *T. oreadicus* se originou no Cerrado central e dispersou pelo bioma, explorando as condições climáticas disponíveis. A caracterização ambiental passada mostrou baixa adequabilidade ambiental e alta dissimilaridade destas condições em comparação com o presente, o que sugere evolução de nicho em algum momento da história filogenética da espécie. Nossa avaliação de distribuição no futuro mostrou que *T. oreadicus* irá perder boa parte de sua distribuição em todos os cenários de mudanças climáticas, e que em boa parte das comparações entre áreas criadas no futuro (retaguarda, estável e vanguarda) os nichos do presente e futuro serão tão equivalentes ou similares entre si quanto dois nichos aleatórios. Os resultados demonstram a importância de variações nas condições climáticas nas mudanças da distribuição histórica e futura da espécie. Especialmente quanto as mudanças climáticas futuras, reforçamos a importância de esforços de mitigação com o objetivo de evitar os efeitos negativos na biodiversidade. Finalmente, concluímos que as análises integrativas desenvolvidas nesta tese foram capazes de identificar interessantes padrões da variação de desempenho demográfico em lagartos do Cerrado. Os resultados encontrados corroboram a importância de flutuações climáticas históricas para o desempenho de lagartos do Cerrado e o potencial efeito negativo de mudanças climáticas futuras.

Intercept	Elevation	Fragment_a	Distance_t	Distance_t	Maximum_	Connectivit	Inner_fragn	Distance_t
2.7							-0.051	
2.695					0.162	-0.066	-0.178	
2.701	0.044							
2.698								-0.102
2.704								-0.133
2.702								-0.1
2.708								-0.131
2.704								
2.702					-0.041			
2.7		0.02					-0.056	
2.697	-0.202					-0.059	-0.227	
2.694	-0.225					-0.103	-0.304	0.22
2.698							-0.057	
2.699						-0.04		
2.696			0.103			-0.052	-0.122	
2.703			-0.038					
2.709			-0.051	0.021				
2.699							-0.044	
2.702			0.088	0.02		-0.052	-0.12	
2.696	0.072	0.039						
2.699			-0.037					
2.699			0.024				-0.074	
2.699					0.029		-0.08	
2.699	-0.041						-0.093	
2.707								-0.16
2.706							-0.051	-0.036
2.7						-0.012	-0.046	
2.705			-0.05	0.02				
2.705			0.01	0.02			-0.073	
2.697		0.039			-0.076			
2.701	0.052	0.026						
2.699					-0.037			
2.7							-0.051	
2.699	0.038							
2.7							-0.047	-0.011
2.699	0.054							
2.699					-0.057			
2.695		0.057			-0.14			0.158
2.701								-0.123
2.701	0.078							0.093
2.7							-0.09	0.121
2.696		0.029	-0.044					
2.704						-0.03		
2.7								-0.131
2.7	-0.198					-0.1	-0.285	0.211
2.696		0.026					-0.066	
2.702								

2.696		0.018						-0.104
2.694	-0.242					-0.087	-0.296	0.116
2.705						-0.042	-0.088	0.132
2.699						-0.036	-0.079	0.13
2.702		0.029	-0.057	0.02				
2.707	0.089							0.091
2.696		0.03			-0.044			
2.696	0.046	0.031						
2.699			-0.058					
2.7	0.096	0.039						0.114
2.7	0.144				0.101			
2.702					-0.076			0.093
2.706	0.108	0.04						0.112
2.708					-0.089			0.091
2.697		0.025				-0.043		
2.7	0.091		0.049					
2.706	0.092		0.036	0.021				
2.707	0.039							-0.054
2.702		0.015						-0.132
2.706								-0.154
2.695					0.16	-0.069	-0.174	
2.696	-0.221					-0.069	-0.241	
2.702		0.023			-0.047			
2.695		0.048	-0.086					
2.704								-0.148
2.698		0.033				-0.039	-0.093	0.153
2.697		0.058	-0.162					0.193
2.696		0.023					-0.048	
2.705			-0.069	0.019				
2.703		0.032				-0.045	-0.103	0.155
2.695					0.203	-0.076	-0.209	
2.694	-0.372		-0.086			-0.11	-0.387	0.267
2.694		0.047			-0.081			
2.701		0.056			-0.147			0.153
2.698		0.035	-0.074					
2.704						-0.017		-0.102
2.698						-0.016		-0.074
2.695		0.009			0.149	-0.062	-0.17	
2.707			0.106	0.021	-0.159			
2.695	-0.135		0.062			-0.067	-0.213	
2.696			0.24			-0.081	-0.262	
2.694	-0.456				-0.163	-0.106	-0.391	0.253
2.701	0.044							
2.701	0.031							-0.037
2.697	0.21	0.032			0.156			
2.703		0.02						
2.703	0.134	0.033	0.069	0.021				
2.695	-0.061				0.124	-0.068	-0.202	

2.698								-0.165
2.694	-0.303					-0.116	-0.404	0.261
2.695					0.187	-0.071	-0.204	
2.7	-0.216					-0.082	-0.273	0.092
2.701			0.111		-0.151			
2.698								-0.111
2.705								-0.19
2.701	0.04					-0.007		
2.698	0.133	0.033	0.081					
2.702			0.226	0.02		-0.08	-0.261	
2.704							-0.099	0.121
2.695					0.161	-0.068	-0.179	0.01
2.695			-0.011		0.176	-0.067	-0.181	
2.695	-0.178					-0.06	-0.195	
2.695		0.018	0.097			-0.049	-0.123	
2.698						-0.024	-0.027	
2.698	-0.01							-0.123
2.698			0.011					-0.127
2.698					0.01			-0.123
2.701		0.047	-0.097	0.019				
2.708					-0.028			-0.071
2.698						-0.02	-0.049	
2.698							0.006	-0.113
2.698								-0.104
2.704								-0.127
2.694	0.074	0.045						
2.701	-0.127		0.05	0.019		-0.065	-0.206	
2.704			-0.002	0.02				-0.128
2.703			-0.078					0.104
2.704							-0.005	-0.123
2.704					-0.002			-0.129
2.704	0.001							-0.131
2.704			0					-0.132
2.701		0.018	0.082	0.02		-0.048	-0.121	
2.704	0.122		0.132	0.021				-0.176
2.704	0.123		0.134					-0.18
2.709			-0.091	0.02				0.104
2.696					0.105	-0.08	-0.172	0.169
2.703		0.034	-0.084	0.019				
2.698	0.122		0.144					-0.174
2.702		0.009						-0.1
2.702					-0.018			-0.061
2.702					-0.042			
2.699		0.023					-0.056	
2.709		0.035			-0.104			0.109
2.696	0.12	0.051						0.138
2.7		0.021				-0.012	-0.05	
2.709			-0.091					0.105

2.708		0.006						-0.13
2.705			0.246	0.022	-0.228			-0.187
2.698		0.019	0.022				-0.076	
2.703		0.034			-0.091			0.11
2.696	-0.179					-0.057	-0.209	
2.708			-0.007	0.021				-0.114
2.705			0.248		-0.229			-0.192
2.702						-0.003		-0.094
2.702			0.005					-0.111
2.708						-0.004		-0.123
2.694	-0.176	0.015				-0.089	-0.263	0.212
2.708			-0.005					-0.119
2.702		0.057	-0.169	0.018				0.189
2.704		0.02	-0.042					
2.699	-0.355		-0.093	0.018		-0.108	-0.374	0.261
2.709		0.02	-0.055	0.021				
2.703								
2.704								
2.706		0.032	0.167	0.022	-0.229			
2.704		0.019	0.008	0.02			-0.075	
2.701			-0.009	0.019	0.151	-0.064	-0.171	
2.698			0.063				-0.074	-0.101
2.7	-0.466				-0.19	-0.103	-0.385	0.249
2.698	-0.194		-0.221					
2.698			-0.019			-0.025		
2.702					-0.037	-0.006		
2.699		0.018			0.02		-0.075	
2.701					0.141	-0.064	-0.168	-0.002
2.704			0.05	0.02			-0.073	-0.104
2.693		0.072	-0.18	0.592				0.198
2.708			-0.054	0.021				
2.698	0.222				0.228			-0.139
2.705		0.019					-0.064	-0.012
2.704			0.051				-0.073	-0.108
2.702		0.057	-0.169					0.189
2.699	-0.357		-0.094			-0.108	-0.375	0.261
2.696		0.029				-0.022	-0.058	
2.694	-0.259					-0.108	-0.335	0.226
2.698							-0.042	-0.047
2.699					-0.016	-0.027		
2.699	0.016					-0.028		
2.702			-0.041					
2.704			-0.032	0.02		-0.025		
2.699		0.024					-0.101	0.137
2.696	-0.232	-0.008				-0.066	-0.253	
2.699	-0.015	0.018					-0.07	
2.699		0.021					-0.061	0.015
2.694	-0.23					-0.102	-0.313	0.225

2.699			0.247		-0.218			-0.181
2.688								
2.7	-0.285					-0.115	-0.396	0.257
2.696			0.12			-0.048	-0.118	-0.061
2.704	0.205				0.199			-0.142
2.7		0.031	0.17		-0.217			
2.704							-0.047	-0.062
2.695		0.027				-0.026	-0.03	
2.699						-0.036		
2.7	0.054	0.03						
2.704	-0.17		-0.211	0.02				
2.706							-0.032	-0.089
2.706						-0.021	-0.061	0.018
2.698							-0.057	
2.695					0.275	-0.123	-0.376	0.253
2.698	-0.017						-0.074	
2.702			0.105	0.02		-0.047	-0.116	-0.063
2.702								
2.707		0.014						-0.163
2.699					0.053		-0.081	-0.062
2.698			-0.184		0.148			
2.698							-0.055	
2.696		0.041	0.088		-0.159			
2.698					0.003		-0.059	
2.698			0.001				-0.058	
2.699						-0.04		
2.699	0.239				0.219	-0.036		
2.696	0.299	0.035			0.268	-0.035		
2.702			0.106			-0.047	-0.116	-0.067
2.702					0.084	-0.076	-0.161	0.163
2.696			0.119			-0.056	-0.133	
2.705					0.038		-0.075	-0.072
2.694		0.039				-0.049	-0.103	0.175
2.696	0.065	0.039				-0.011		
2.697		0.059	-0.167	0.456				0.191
2.703			-0.031			-0.009		
2.7			-0.076					0.103
2.707			0.027	0.022				-0.223
2.697		0.038	-0.093					0.126
2.696		0.048			-0.105			0.068
2.696			0.102			-0.052	-0.121	
2.708			-0.045	0.021		-0.009		
2.699	-0.021						-0.067	
2.702			0.114	0.02		-0.058	-0.138	
2.707			0.029					-0.227
2.7						-0.016	-0.043	
2.696		0.037			-0.065			
2.707	0.07	0.029						0.009

2.696		0.029	-0.028			-0.022		
2.701	0.126	0.049						0.132
2.699					0.006		-0.051	
2.699			-0.005				-0.039	
2.699							-0.044	
2.699	-0.224				-0.252			
2.705	-0.036						-0.082	-0.051
2.694		0.066	-0.169					0.196
2.698			0.056			-0.061	-0.12	0.139
2.696	0.028	0.03				-0.023		
2.696		0.022				-0.022		-0.064
2.699	-0.053						-0.093	-0.034
2.702		0.041	0.093	0.02	-0.174			
2.697		0.024						-0.175
2.699	0.033							-0.065
2.699			-0.044					
2.696	0.089	0.039	0.019					
2.696	0.067	0.038						
2.696	0.08	0.042						0.021
2.703		0.039	-0.106	0.02				0.127
2.706			-0.089	0.02				0.104
2.704			-0.007	0.02			-0.06	
2.696		0.03			-0.027	-0.022		
2.702			0.086	0.02		-0.052	-0.118	
2.701		0.016						-0.127
2.696	0.078	0.04					0.006	
2.695		0.027			0.078	-0.07	-0.161	0.178
2.704			-0.151	0.02	0.103			
2.696	0.072	0.039			0			
2.702		0.029	-0.041	0.02		-0.021		
2.705			-0.018	0.02			-0.039	
2.699	-0.039						-0.09	
2.7						-0.018	-0.055	0.036
2.7			-0.03				-0.063	0.119
2.696		0.034	-0.059					
2.7					-0.035		-0.054	0.112
2.699	-0.019		0.015				-0.085	
2.7					-0.072			0.091
2.699			-0.037					
2.699					0.027		-0.077	
2.697		0.042	-0.104	0.501				0.129
2.7		0.02						
2.707	0.011							-0.135
2.699			0.023				-0.073	
2.699			0.02		0.006		-0.075	
2.699	-0.139	0.018				-0.084	-0.235	0.201
2.707						-0.006		-0.15
2.699	-0.02				0.016		-0.087	

2.707					0.01			-0.183
2.705	0.039							-0.077
2.7							-0.032	-0.053
2.7					-0.094			0.109
2.696		0.036			-0.055		-0.019	
2.701	0.067					-0.019		0.098
2.699					-0.045			
2.703						-0.037		
2.701			0.038					-0.213
2.706			-0.089					0.104
2.701	0.063	0.03						0.027
2.698		0.039			-0.088			0.112
2.696	-0.126	0.061			-0.281			0.174
2.699					-0.034			-0.064
2.697		0.039			-0.072	-0.005		
2.705			-0.053	0.02				
2.699	0.046					-0.014		
2.705			0.007	0.02			-0.07	
2.702						-0.041		
2.703			0.041	0.02		-0.06	-0.118	0.139
2.7							-0.093	0.127
2.705	-0.013		0.004	0.02			-0.08	
2.705			0.022	0.02	-0.016		-0.069	
2.703		0.038	-0.106					0.126
2.704		0.019				-0.029		
2.701	0.05	0.026				-0.003		
2.705			-0.05	0.02				
2.707	0.078					-0.022		0.096
2.706			-0.045	0.02			-0.061	0.119
2.7	-0.242					-0.107	-0.325	0.218
2.699					-0.036			
2.7	0.04						-0.046	0.108
2.699			-0.062					
2.696		0.021						-0.116
2.696		0.058			-0.132	-0.014		0.161
2.695		0.029					-0.067	
2.696	-0.334		-0.081	0.386		-0.104	-0.361	0.254
2.699					-0.058			
2.695			-0.23		0.403	-0.102	-0.267	0.244
2.699	0.045							
2.701	0.095	0.039	0.016	0.019				
2.7	0.113		0.089			-0.026		
2.706					-0.085			0.09
2.706	0.113		0.075	0.021		-0.026		
2.706					-0.052		-0.048	0.108
2.702		0.019				-0.023		-0.092
2.703		0.018						-0.15
2.7		0.013						-0.134

2.705					-0.041			-0.073
2.703			0.042			-0.06	-0.118	0.139
2.699	0.054							
2.706			-0.045				-0.061	0.119
2.699	0.037							
2.702		0.046			-0.109			0.053
2.704		0.039			-0.101			0.11
2.699					-0.05	-0.011		
2.703		0.021						-0.2
2.706	0.098	0.04				-0.019		0.117
2.7	0.084							0.099
2.704			-0.085	0.422				0.103
2.7	0.074							0.092
2.695					0.236	-0.086	-0.253	
2.701		0.033	-0.068	0.019				
2.7							-0.097	0.126
2.698	0.092	0.04						0.113
2.706					-0.103			0.105
2.695		0.059			-0.14			0.157
2.696		0.061			-0.153			0.169
2.7			-0.107					0.132
2.702	0.083	0.039						0.005
2.698						-0.043	-0.082	0.14
2.699			0.039		-0.094			
2.701	0.087	0.039				-0.017		0.118
2.701					0.019			-0.168
2.699	0.049				-0.005			
2.699	0.056		0.002					
2.703	0.152	0.035	0.104	0.021		-0.025		
2.702		0.028			-0.05			
2.696		0.03	-0.027				-0.045	
2.697								0.067
2.699			-0.026					-0.08
2.701	0.078							0.095
2.704		0.03	-0.091					0.12
2.705			-0.073	0.02				
2.7		0.037				-0.052	-0.109	0.171
2.696		0.06			-0.157		0.016	0.157
2.7	-0.204					-0.099	-0.293	0.216
2.696		0.03	0.043			-0.057	-0.125	0.159
2.703		0.023					-0.109	0.136
2.695		0.058	-0.035		-0.111			0.167
2.7							-0.087	0.117
2.696		0.024	-0.024					-0.05
2.697	0.151	0.034	0.117			-0.025		
2.696		0.024			-0.021			-0.058
2.707			0.084	0.021	-0.167			0.078
2.696	0.021	0.024						-0.06

2.701						-0.004		-0.115
2.702								
2.71		0.03	-0.104	0.021				0.121
2.7					0.251	-0.119	-0.361	0.246
2.701	0.082		0.006					0.092
2.701	0.005							-0.11
2.701	0.082				0.005			0.093
2.699						-0.009		-0.116
2.694		0.014			0.14	-0.063	-0.16	
2.702			0.087		-0.157			0.079
2.699						-0.041	-0.069	0.126
2.694	-0.694				-0.405	-0.095	-0.422	0.285
2.696	-0.062	0.027	-0.102					
2.696		0.03	-0.045					
2.7		0.065	-0.177	0.018				0.193
2.695	-0.241					-0.085	-0.285	0.087
2.705			0.046	0.02	-0.111			
2.694		0.036				-0.029	-0.056	
2.707	0.083		-0.007	0.02				0.092
2.702		0.024	-0.036	0.02				-0.052
2.706	0.062						-0.032	0.102
2.696		0.031	-0.063				0.022	
2.702		0.031	-0.059	0.021				
2.696		0.028	-0.087		0.044			
2.696	0.11	0.053				-0.026		0.149
2.696		0.019					-0.013	-0.079
2.696		0.025					-0.059	-0.019
2.702		0.024			-0.033			-0.063
2.7		0.028			0.055	-0.066	-0.149	0.173
2.703	0.142	0.024	0.119	0.021				-0.108
2.705	0.063		-0.001	0.02				
2.695			-0.109		0.297	-0.077	-0.202	
2.707			0.084		-0.166			0.078
2.702	0.032	0.024						-0.068
2.704						-0.046	-0.09	0.137
2.707	0.09							0.093
2.71		0.03	-0.104					0.121
2.696		0.026					-0.064	
2.705	0.123	0.04	0.016	0.021				0.11
2.699	0.147	0.04			0.051			0.114
2.699	0.122	0.04	0.029					0.109
2.701		0.031	0.028	0.02		-0.056	-0.123	0.159
2.696		0.018						-0.106
2.702		0.023	-0.034					-0.058
2.694	-0.26					-0.093	-0.323	0.142
2.699						-0.035	-0.08	0.132
2.705						-0.041	-0.09	0.134
2.694	-0.273		-0.019			-0.091	-0.316	0.142

2.706	0.087							0.09
2.702		0.032	-0.076	0.02			0.023	
2.702					-0.068	-0.013		0.096
2.694	-0.289				-0.034	-0.09	-0.315	0.137
2.695	0.108	0.058						
2.705						-0.044	-0.084	0.131
2.694	-0.231	0.003				-0.085	-0.288	0.12
2.695	-0.119				0.086	-0.073	-0.22	
2.704	0.105	0.04						0.111
2.703	0.142	0.023	0.121					-0.113
2.707	0.064				-0.025			0.091
2.706	0.092							0.093
2.699			-0.051			-0.01		
2.696		0.034				-0.045	-0.082	0.149
2.694	-0.242					-0.087	-0.296	0.116
2.697	0.141	0.024	0.132					-0.107
2.696		0.031			-0.045			
2.707	0.082		-0.008					0.092
2.702	-0.031	0.028	-0.086	0.02				
2.705			-0.034	0.02				-0.086
2.704		0.028				-0.033	-0.085	0.085
2.708					-0.081	-0.013		0.094
2.7	0.077	0.037					-0.023	0.12
2.706			-0.117	0.019				0.129
2.697			0.268			-0.113	-0.358	0.205
2.696	-0.045	0.029			-0.087			
2.702	-0.128	0.06			-0.29			0.169
2.702		0.029	-0.053	0.02	-0.004			
2.696		0.031			-0.048		0.005	
2.696		0.033	0.033	0.487		-0.055	-0.128	0.162
2.696	0.047	0.032						
2.705			-0.033					-0.09
2.699	0.142	0.044	0.038	0.52				0.109
2.695		0.055	-0.144					0.177
2.7		0.064	-0.177					0.193
2.697		0.048	-0.122					0.103
2.696	0.055	0.032					0.01	
2.695		0.055			-0.1			
2.695					0.201	-0.078	-0.206	
2.708		0.027	-0.062	0.021				
2.704						-0.015		-0.119
2.695	-0.174		0.038			-0.071	-0.228	
2.695		0.048	-0.077			-0.013		
2.7	0.096	0.039						0.113
2.695	-0.2					-0.067	-0.224	
2.7	0.163		-0.023		0.141			
2.7	0.14				0.096			
2.696	0.047	0.057	-0.103					0.176

2.707		0.038	0.13	0.022	-0.226			0.091
2.697		0.024				-0.04		
2.701		0.056			-0.139	-0.014		0.156
2.702					-0.076			0.093
2.702		0.029	-0.034	0.019			-0.047	
2.705	0.122	0.04	0.016					0.11
2.706			-0.117					0.13
2.697		0.026				-0.044		
2.705		0.01						-0.156
2.695		0.047			-0.072	-0.013		
2.701		0.031	0.029			-0.057	-0.123	0.159
2.705							-0.103	0.128
2.705	0.129	0.04			0.02			0.112
2.7		0.032			-0.049		-0.054	0.129
2.694	0.064	0.046				-0.018		
2.702		0.017					-0.021	-0.093
2.708		0.023			-0.057			-0.012
2.706	0.102	0.039					-0.008	0.114
2.708					-0.089			0.091
2.706	0.108	0.04						0.112
2.707			0.134	0.021	-0.175	-0.017		
2.706							-0.112	0.129
2.692		0.031						
2.706	0.122		0.005	0.02	0.061			
2.697	0.236	0.025			0.21			-0.071
2.697		0.058	-0.153			-0.012		0.194
2.695	-0.204					-0.068	-0.221	
2.7	0.092		0.05					
2.696		0.055	-0.135				-0.023	0.189
2.699			0.047	0.446		-0.059	-0.121	0.138
2.706	0.089		0.033	0.021				
2.695					0.236	-0.094	-0.284	0.093
2.703		0.026	-0.047					
2.695					0.165	-0.065	-0.165	-0.043
2.705						-0.01		-0.139
2.698		0.03				-0.031	-0.081	0.108
2.701		0.057	-0.021	0.019	-0.13			0.158
2.701			-0.084	0.442				0.103
2.697	0.298				0.322	-0.032		-0.132
2.707	0.038					-0.003		-0.049
2.702			0.253	0.02		-0.113	-0.356	0.204
2.704	0.095		0.12	0.022				-0.223
2.703		0.014						-0.127
2.696			0.254			-0.085	-0.276	
2.698					0.02	-0.02		-0.11
2.694		0.014			0.135	-0.065	-0.173	0.05
2.704			0.015	0.021				-0.183
2.704	0.095		0.121					-0.228

2.702		0.033				-0.048	-0.095	0.153
2.704	0.181				0.201			-0.22
2.707		0.038	0.129		-0.225			0.091
2.699		0.026				-0.018	-0.047	
2.698			0.02			-0.019		-0.114
2.698	-0.018					-0.019		-0.106
2.698	0.2				0.231			-0.211
2.705		0.022	0.244	0.022	-0.255			-0.127
2.704			0.017					-0.188
2.704					0.015			-0.184
2.698						-0.015		-0.083
2.701		0.037	0.132		-0.215			0.091
2.705			-0.061	0.019		-0.01		
2.706		0.033			-0.067		-0.048	0.125
2.701			0.139		-0.166	-0.017		
2.701		0.058			-0.148			0.152
2.694	-0.392		-0.116			-0.108	-0.388	0.277
2.704	-0.014							-0.178
2.698					0.025			-0.171
2.701		0.059			-0.16			0.163
2.706							-0.094	0.113
2.695	-0.066	0.049			-0.151			
2.704								-0.162
2.7		0.03	-0.039				-0.069	0.138
2.7			-0.208	0.017	0.354	-0.096	-0.247	0.231
2.702		0.023			-0.045	-0.003		
2.7	-0.213					-0.078	-0.258	0.051
2.702			0.243	0.02		-0.086	-0.278	
2.695			0.142		0.087	-0.079	-0.248	
2.696					0.179	-0.097	-0.231	0.177
2.701	-0.171		0.023	0.02		-0.07	-0.223	
2.695					0.207	-0.081	-0.219	0.028
2.702		0.023			-0.046			-0.001
2.695		0.048	-0.051		-0.033			
2.705		0.021	0.246		-0.255			-0.134
2.695	-0.075		0.154			-0.076	-0.249	
2.698	-0.023							-0.163
2.7		0.024						
2.698			0.025					-0.172
2.696	-0.227	-0.002				-0.071	-0.246	
2.695		0.051			-0.101		0.019	
2.701	0.037					-0.012		
2.695		0.049	-0.091					
2.701		0.059			-0.166		0.018	0.152
2.704							0.012	-0.171
2.703	0.219	0.025			0.181			-0.076
2.695		0.049	-0.095				0.008	
2.696		0.024					-0.049	

2.698								-0.138
2.695		0.05	-0.094					0.017
2.695	0.011	0.048	-0.074					
2.696	0.153	0.061						0.165
2.694	-0.305					-0.118	-0.424	0.279
2.697	0.194	0.034			0.14			
2.701			-0.108	0.019	0.274	-0.074	-0.193	
2.704			0.008	0.02		-0.019		-0.116
2.698		0.035	-0.069			-0.006		
2.698		0.033				-0.04	-0.092	0.153
2.702		0.022					-0.061	-0.037
2.704	0.135		0.156	0.021		-0.02		-0.168
2.704						-0.019	-0.014	-0.074
2.704						-0.017		-0.096
2.699	-0.343		-0.419					0.152
2.695		0.046			-0.074			-0.017
2.701		0.057	-0.022		-0.129			0.158
2.694	-0.402		-0.062		-0.051	-0.109	-0.391	0.264
2.703		0.032				-0.045	-0.102	0.155
2.695			0.01		0.192	-0.076	-0.208	
2.702			0.254			-0.113	-0.356	0.204
2.695		0.002			0.192	-0.073	-0.201	
2.698						-0.011		-0.145
2.695	0.011				0.213	-0.076	-0.207	
2.704	0.135		0.157			-0.02		-0.172
2.695					0.204	-0.076	-0.21	
2.694	-0.385		-0.105			-0.108	-0.381	0.267
2.704			0.009			-0.019		-0.12
2.704					0.008	-0.019		-0.116
2.695	-0.1	0.007	0.07			-0.062	-0.19	
2.694	-0.364	0.001	-0.084			-0.109	-0.382	0.265
2.694	-0.371		-0.086			-0.11	-0.387	0.267
2.695		0.007	0.202			-0.072	-0.225	
2.695		0.011	0.028		0.11	-0.06	-0.159	
2.704	-0.007					-0.019		-0.114
2.698						-0.025	-0.047	
2.696			0.239			-0.08	-0.265	
2.694	-0.446				-0.154	-0.105	-0.391	0.255
2.706		0.03	-0.053	0.02			-0.067	0.139
2.705						-0.011		-0.173
2.701			-0.036	0.441			-0.065	0.12
2.698						-0.016		-0.075
2.698	0.135		0.168			-0.02		-0.165
2.698						-0.016	-0.002	-0.07
2.704							-0.018	-0.147
2.695	-0.132		0.072			-0.069	-0.218	
2.698							-0.015	-0.126
2.701		0.047	-0.087	0.019		-0.013		

2.703		0.021						
2.707			0.109	0.021	-0.162			
2.695	0.017	0.01			0.158	-0.061	-0.162	
2.698	0.098		0.134					-0.215
2.695		0.009			0.148	-0.062	-0.168	
2.696		0.06	-0.004	0.472	-0.144			0.158
2.696			0.246			-0.084	-0.272	0.014
2.704	0.124	0.034	0.058	0.021				
2.695	-0.136		0.062		-0.002	-0.067	-0.214	
2.694	-0.419				-0.121	-0.109	-0.397	0.257
2.698							0.019	-0.15
2.694	-0.483	-0.003			-0.176	-0.108	-0.405	0.257
2.7	-0.239		-0.015	0.018		-0.085	-0.289	0.115
2.7			-0.208		0.355	-0.097	-0.247	0.231
2.703	0.276				0.288	-0.03		-0.135
2.699								0.062
2.701	0.031					-0.002		-0.033
2.701	0.116	0.052				-0.027		0.143
2.697	0.242	0.035			0.174		0.015	
2.704			0.055	0.021			-0.054	-0.171
2.7						-0.07		0.095
2.697	0.192	0.033	0.023		0.116			
2.695		0.02	0.089			-0.048	-0.116	
2.7	-0.285				-0.051	-0.086	-0.302	0.123
2.703	0.155	0.033	0.048	0.021	0.041			
2.7	-0.198	0.005				-0.079	-0.261	0.099
2.7	-0.235					-0.088	-0.302	0.119
2.698	0.002							-0.156
2.705			0.057				-0.054	-0.175
2.698					0.002			-0.167
2.703	0.122	0.032	0.064	0.021			-0.008	
2.695			-0.07		0.244	-0.076	-0.207	0.055
2.694	-0.302					-0.116	-0.403	0.261
2.695	-0.037				0.15	-0.069	-0.204	
2.705	0.008							-0.171
2.694	-0.299	0.001				-0.115	-0.4	0.26
2.701			0.118		-0.157			
2.704			0.001	0.021				-0.191
2.7	-0.223					-0.084	-0.282	0.099
2.698						-0.024	-0.036	
2.7	-0.234		-0.012			-0.085	-0.286	0.108
2.698	0.126	0.034	0.074					
2.695	0.055	0.04						-0.052
2.705					-0.004			-0.181
2.697		0.039	-0.074			-0.028		0.129
2.705			0.002					-0.196
2.698	0.109	0.03	0.073				-0.017	
2.701		0.007	0.185	0.02		-0.071	-0.221	

2.701	-0.05		0.169	0.02		-0.077	-0.252	
2.701		0.021	0.072	0.02		-0.048	-0.112	
2.706		0.03	-0.053				-0.067	0.138
2.695		0.021	0.075			-0.043	-0.108	
2.697			-0.206		0.193	-0.028		
2.701					0.145	-0.061	-0.152	-0.065
2.701		0.053	-0.149	0.018				0.17
2.7	-0.681				-0.409	-0.093	-0.413	0.278
2.701			0.179	0.02	0.042	-0.08	-0.254	
2.705		0.02					-0.045	-0.066
2.695	-0.146	0.007				-0.054	-0.166	
2.705			0.198	0.022	-0.17			-0.223
2.698			0.024					-0.222
2.694	0.112	0.052					0.037	
2.698			0.068				-0.058	-0.158
2.705			0.2		-0.171			-0.228
2.699		0.021	0.245		-0.243			-0.123
2.702			0.231	0.02		-0.083	-0.269	0.011
2.696			-0.22	0.468	0.379	-0.098	-0.258	0.237
2.702			0.226	0.02		-0.08	-0.261	
2.703		0.045	-0.124	0.018				0.086
2.695	-0.182					-0.061	-0.195	
2.704		0.027	0.108	0.021	-0.131		-0.044	
2.701	0.056	0.056	-0.1	0.018				0.169
2.7		0.047	-0.041	0.019	-0.053			
2.696	0.172	0.06					0.052	0.13
2.696					0.113	-0.079	-0.182	0.175
2.703			-0.069			-0.013		0.105
2.698	-0.163		-0.177			-0.02		
2.698	-0.023						-0.02	-0.113
2.698						-0.025	-0.027	
2.695		0.036				-0.035	-0.081	0.081
2.701	-0.077	0.009	0.062	0.02		-0.058	-0.172	
2.695		0.018	0.097			-0.049	-0.123	0
2.698			0.023				-0.017	-0.122
2.701	-0.122		0.07	0.02		-0.069	-0.216	
2.698	-0.057				-0.047			-0.117
2.698	-0.014							-0.127
2.698					0.018		-0.013	-0.116
2.698					0.014			-0.128
2.698			0.015					-0.131
2.702			0.231			-0.082	-0.267	0.007
2.698	-0.026		-0.018					-0.116
2.696	0.079	0.058	-0.07	0.496				0.163
2.698			0.018		-0.006			-0.128
2.701			0.016	0.019	0.172	-0.075	-0.204	
2.7	0.018	0.047	-0.077	0.019				
2.693		0.072	-0.169	0.595		-0.015		0.199

2.704			0.009	0.021				-0.141
2.704			0.177	0.021	-0.14		-0.038	-0.154
2.703			-0.079					0.103
2.701		0.041	0.146	0.467	-0.238			0.09
2.702		0.04	-0.087	0.02		-0.027		0.13
2.703			-0.008	0.123				-0.108
2.704			0.084	0.021	-0.079			-0.15
2.701		0.014	0.039	0.019	0.07	-0.055	-0.144	
2.696		0.055	-0.142	0.484				0.167
2.709			-0.082	0.02		-0.013		0.106
2.708					-0.028	-0.001		-0.07
2.704			0.18		-0.142		-0.037	-0.159
2.701		0.048	-0.104	0.019			0.006	
2.701		0.048	-0.1	0.019				
2.698						-0.021	-0.05	0.003
2.703		0.045	-0.121					0.079
2.701						-0.042		0.084
2.701	-0.189		0.092	0.02	-0.095	-0.064	-0.216	
2.701		0.047	-0.095	0.019				-0.005
2.706		0.033	-0.099	0.453				0.121
2.698		0.024	0.1		-0.101		-0.052	
2.69						-0.024		
2.704			0.01					-0.145
2.704			0.09		-0.083			-0.155
2.698							0.006	-0.113
2.704	-0.008							-0.14
2.701		0.043			-0.076			-0.037
2.704					0.008			-0.14
2.699			-0.055			-0.031		0.106
2.7		0.015			0.114	-0.062	-0.162	0.038
2.709			-0.092	0.021				0.103
2.704			0.01	0.02			-0.016	-0.124
2.7								
2.704							0.006	-0.135
2.701					0.192	-0.079	-0.213	0.017
2.701		0.053	-0.149					0.17
2.704	-0.09				-0.091			-0.119
2.704	0.038		0.04	0.021				-0.143
2.704						-0.023	-0.056	-0.007
2.697		0.043	-0.086	0.498		-0.025		0.132
2.702					-0.034	-0.012		
2.706		0.032	0.188	0.022	-0.238	-0.015		
2.704			0.011				-0.016	-0.128
2.705					0.051		-0.06	-0.148
2.704	-0.009						-0.014	-0.123
2.704	-0.305		-0.394	0.019				0.147
2.704	0.043		0.047					-0.149
2.704					0.004		-0.009	-0.124

2.704	0.097		0.117	0.021			-0.018	-0.161
2.704	0.121		0.127	0.082				-0.163
2.701		0.053	-0.139	0.018			-0.026	0.185
2.704	0.093		0.165	0.021	-0.06			-0.18
2.701		0.019	0.073	0.02		-0.046	-0.115	
2.701	0.054	0.056	-0.101					0.169
2.7					0.208	-0.087	-0.262	0.072
2.698		0.013	0.045				-0.076	-0.059
2.704	0.131		0.146	0.021				-0.185
2.702	0.09		0.006	0.448				0.09
2.703		0.034	-0.079	0.019		-0.007		
2.698			0.161		-0.107		-0.047	-0.14
2.698	0.084		0.122				-0.026	-0.151
2.704	0.099		0.12				-0.017	-0.166
2.701		0.018	0.083	0.02		-0.048	-0.121	-0.002
2.705	0.091		0.169		-0.064			-0.185
2.704		0.022	-0.003	0.021			-0.066	
2.704	0.132		0.148					-0.189
2.708		0.012	-0.024	0.021				-0.077
2.709		0.035			-0.098	-0.011		0.111
2.698		0.021	0.014				-0.069	
2.702		0.057	-0.161	0.018		-0.012		0.191
2.709			-0.082			-0.013		0.106
2.695					-0.043			
2.703		0.011				-0.006		-0.089
2.701		0.046	-0.091					-0.012
2.703		0.012	-0.012					-0.073
2.698			0.254	0.444		-0.11	-0.353	0.203
2.698	-0.374				-0.324		-0.086	
2.699		0.022					-0.046	-0.028
2.699					0.065		-0.068	-0.13
2.702					0.163	-0.096	-0.225	0.172
2.698	0.116		0.135					-0.168
2.704		0.013	0.032	0.02			-0.074	-0.061
2.705			0.255	0.022	-0.233	-0.01		-0.181
2.698	0.134		0.131		0.025			-0.172
2.697	0.071	0.04				-0.031		0.119
2.709			-0.092					0.103
2.708		0.036			-0.105			0.108
2.699		0.021			0.011		-0.067	
2.702					-0.018	-0.001		-0.06
2.709		0.012	-0.022					-0.083
2.703		0.034			-0.085	-0.01		0.112
2.707	0.044	0.026						-0.064
2.706			-0.017	0.16				-0.084
2.705			0.257		-0.234	-0.01		-0.186
2.701	0.057	0.038						-0.073
2.702		0.039	-0.087			-0.028		0.13

2.705			-0.068	0.02		-0.03		0.106
2.701								
2.704	-0.138		-0.165	0.02		-0.021		
2.697		0.039			-0.069	-0.028		0.117
2.701		0.017	0.085			-0.048	-0.12	-0.008
2.704	-0.308		-0.397					0.147
2.698			0.043				-0.063	-0.092
2.705			0.213	0.021	-0.205			-0.172
2.703			0.091	0.421	-0.168			0.077
2.703		0.035			-0.091			0.11
2.699	-0.001	0.023					-0.058	
2.705			0.215		-0.207			-0.177
2.696	-0.123	0.011				-0.046	-0.162	
2.704		0.012	0.034				-0.074	-0.067
2.703			-0.174	0.019	0.146	-0.027		
2.708		0.007				-0.006		-0.12
2.7	-0.441		-0.026	0.018	-0.142	-0.104	-0.384	0.253
2.698	-0.192		-0.186				-0.04	
2.7		0.032	-0.044	0.477			-0.074	0.141
2.699		0.023					-0.103	0.141
2.699			0.203		-0.164			-0.214
2.699					-0.05	-0.031		0.097
2.704		0.021	-0.036			-0.009		
2.708			-0.044	0.021		-0.015		
2.696	0.12	0.051						0.138
2.694	-0.186	0.013				-0.091	-0.274	0.216
2.701		0.053	-0.139				-0.025	0.185
2.695		0.029				-0.025	-0.045	
2.71		0.021	-0.049	0.021		-0.009		
2.708			-0.005	0.021		-0.004		-0.111
2.697	0.247	0.043			0.172	-0.038		0.123
2.693	0.036							
2.702		0.056	-0.16			-0.012		0.191
2.705			0.243	0.045	-0.227			-0.182
2.702			0.007			-0.004		-0.108
2.701	-0.386				-0.44			0.088
2.694	-0.263					-0.107	-0.343	0.231
2.703								
2.693		0.078	-0.198	0.609				0.214
2.708			-0.004			-0.004		-0.116
2.693		0.078	-0.209	0.606			0.024	0.202
2.698	-0.22		-0.247					
2.699	-0.322	0.005	-0.083	0.018		-0.103	-0.351	0.253
2.699	-0.365		-0.107	0.017		-0.107	-0.374	0.266
2.695		0.044				-0.049	-0.139	0.208
2.699			0.188		-0.177			-0.154
2.702			-0.03			-0.015		
2.694	-0.173	0.016				-0.089	-0.26	0.212

2.705			-0.067			-0.03		0.106
2.706		0.032	0.155	0.022	-0.217			
2.702	0.159	0.059						0.158
2.699	-0.358		-0.096	0.018		-0.108	-0.375	0.261
2.699	0.05					-0.035		0.098
2.699	-0.35		-0.085	0.018		-0.108	-0.377	0.261
2.706	-0.046						-0.069	-0.114
2.692			-0.029					
2.7		0.031	0.191		-0.228	-0.015		
2.701		0.014						
2.7	-0.458				-0.183	-0.103	-0.385	0.25
2.701			-0.032	0.019	0.178	-0.068	-0.181	0.021
2.703			0.042	0.136			-0.073	-0.081
2.698	-0.25		-0.198		-0.077			
2.699		0.025					-0.108	0.141
2.696	-0.198	0.034	-0.29					0.152
2.704			0.037	0.02			-0.065	-0.098
2.7	-0.444		-0.025		-0.145	-0.105	-0.385	0.254
2.707	-0.423				-0.488			0.086
2.698	-0.029						-0.067	-0.054
2.698					0.027		-0.06	-0.064
2.7	-0.483	-0.002			-0.198	-0.105	-0.393	0.252
2.698	-0.199		-0.225					
2.696			0.12			-0.045	-0.106	-0.098
2.7	-0.46				-0.184	-0.104	-0.386	0.25
2.706						-0.017	-0.043	-0.037
2.699		0.016			0.028		-0.076	-0.019
2.698			-0.021			-0.024		
2.698			-0.019			-0.025		
2.694		0.02	-0.155		0.287	-0.088	-0.229	0.227
2.695	-0.236	0.069			-0.405			0.184
2.695	0.279	0.037			0.249	-0.036		
2.704			0.038				-0.065	-0.101
2.698	-0.171				-0.134		-0.104	
2.696		0.054	-0.128	0.469			-0.034	0.187
2.702			0.105	0.021		-0.043	-0.1	-0.111
2.692		0.077	-0.199	0.658				0.244
2.695		0.079			-0.197			0.2
2.701		0.032				-0.035	-0.084	0.065
2.701			-0.027		0.173	-0.067	-0.179	0.015
2.695		0.014			0.207	-0.104	-0.305	0.232
2.698	0.182				0.199		-0.017	-0.125
2.705		0.016			0.013		-0.07	-0.027
2.697			-0.041	0.02				
2.699			0.257		-0.223	-0.01		-0.175
2.693	-0.014	0.073	-0.197	0.593				0.203
2.698	0.216				0.221			-0.137
2.694		0.076	-0.228	0.668				0.334

2.702			0.106			-0.043	-0.1	-0.115
2.699	-0.367		-0.109			-0.107	-0.375	0.267
2.705	0.009	0.02					-0.057	-0.006
2.696		0.028					-0.033	-0.098
2.688								
2.695		0.029				-0.027	-0.031	
2.693		0.072	-0.183	0.593	0.003			0.199
2.699	-0.328	0.004	-0.084			-0.104	-0.355	0.254
2.696			0.142			-0.052	-0.132	-0.065
2.703		0.039			-0.082	-0.027		0.116
2.699	-0.359		-0.095			-0.108	-0.375	0.262
2.699	-0.353		-0.087			-0.108	-0.377	0.261
2.699					-0.018	-0.026		
2.699	-0.022				-0.038	-0.026		
2.697		0.029						0.072
2.699					-0.016	-0.027		
2.703	0.084	0.041				-0.031		0.118
2.699	0.017					-0.027		
2.699	0.016					-0.028		
2.7	0.047	0.031				-0.011		
2.7	-0.287					-0.116	-0.41	0.269
2.701						-0.047		
2.701			-0.11	0.414				0.128
2.699		0.024					-0.101	0.136
2.704			-0.032	0.02		-0.025		
2.702			0.138	0.021		-0.054	-0.137	-0.069
2.697		0.028				-0.018		-0.147
2.704			-0.03	0.02		-0.025		
2.704	-0.169		-0.177	0.02			-0.039	
2.694		0.067	-0.158			-0.016		0.198
2.699	-0.01	0.019					-0.068	0.009
2.688							-0.006	
2.699	-0.062						-0.082	-0.087
2.688								
2.705					-0.064	-0.031		0.095
2.703		0.02				-0.041		
2.702	0.184	0.059					0.058	0.124
2.696	0.199	0.037			0.152	-0.025		
2.701			0.097	0.184		-0.049	-0.117	-0.03
2.696	0.106	0.039	0.052			-0.018		
2.704			0.313	0.021	-0.367			
2.704	-0.276		-0.167	0.02	-0.146			
2.696		0.025				-0.021		-0.078
2.696	0.048	0.036				-0.017		
2.704	-0.201		-0.242	0.02				
2.702			0.138			-0.054	-0.136	-0.073
2.704	0.164				0.169		-0.018	-0.128
2.7	-0.266	0.003				-0.111	-0.377	0.251

2.696	0.313	0.029			0.302	-0.033		-0.053
2.7	-0.285					-0.115	-0.396	0.257
2.704	0.221				0.219			-0.148
2.704					0.017		-0.059	-0.073
2.701	0.039	0.027						-0.038
2.704	-0.018						-0.062	-0.066
2.698	0.329		-0.097		0.407	-0.04		
2.696		0.035			-0.048	-0.015		
2.7		0.031	0.162		-0.209			
2.702					0.09	-0.076	-0.17	0.168
2.695	-0.401	0.052			-0.479		-0.104	0.214
2.699						-0.034		
2.696	0.081	0.045				-0.015		0.049
2.707		0.016				-0.01		-0.146
2.695		0.027				-0.027	-0.033	0.008
2.695		0.033	-0.042			-0.017		
2.696		0.041	0.1		-0.163	-0.009		
2.702		0.022				-0.021		-0.112
2.704	-0.186		-0.223	0.02				
2.697		0.043	-0.13				0.048	0.116
2.703	0.224	0.043			0.137	-0.036		0.121
2.704	0.148	0.042	0.061	0.021		-0.03		0.11
2.698			-0.241		0.204			
2.7			-0.075					0.105
2.702		0.02				-0.039		
2.698	0.161	0.046	0.076	0.522		-0.028		0.11
2.698							-0.064	
2.698	-0.044		-0.023				-0.08	
2.698	0.147	0.042	0.074			-0.03		0.109
2.707		0.012	0.01	0.022				-0.184
2.697			0.068			-0.062	-0.134	0.145
2.698	-0.015						-0.071	
2.699			-0.226		0.143			0.125
2.705	0.063					-0.035		0.097
2.698			-0.01				-0.049	
2.698			0.319		-0.36			
2.694		0.045	-0.04			-0.039	-0.08	0.183
2.697		0.059	-0.159	0.453		-0.011		0.192
2.707		0.018			-0.016			-0.125
2.702	-0.158	0.035	-0.263	0.019				0.147
2.7	0.074					-0.026		0.11
2.7	0.178				0.122	-0.036		0.1
2.698					-0.003		-0.054	
2.695					0.28	-0.125	-0.381	0.255
2.695			-0.036		0.303	-0.122	-0.368	0.256
2.698			-0.145		0.13		-0.024	
2.707		0.011	0.012					-0.191
2.695					0.274	-0.123	-0.376	0.255

2.696	0.346	0.034	-0.052		0.367	-0.037		
2.698	-0.017						-0.073	
2.707			0.034	0.022		-0.011		-0.219
2.699	0.229				0.21	-0.037		
2.696		0.049			-0.103	-0.009		0.08
2.696		0.035					-0.093	
2.699	-0.254				-0.29			
2.696	-0.038	0.042	0.109		-0.219			
2.696		0.044	0.068		-0.15			0.023
2.698			-0.189		0.155			
2.696		0.043	0.122		-0.196			
2.707			0.036			-0.011		-0.224
2.697		0.038	-0.189		0.092			0.14
2.698			-0.004				-0.051	
2.701		0.026				-0.029	-0.043	0.001
2.698					0.001		-0.056	
2.698			-0.006		0.009		-0.06	
2.696	0.237	0.034			0.207	-0.032		
2.696		0.041	0.086		-0.155		-0.002	
2.699	0.23				0.209	-0.035		
2.701	-0.168				-0.151		-0.118	0.134
2.703		0.043	-0.144	0.02			0.049	0.117
2.7					-0.071			0.094
2.696		0.031	-0.029			-0.023		
2.7					-0.085	-0.018		0.115
2.695		0.027	-0.113		0.088	-0.023		
2.707	0.071	0.031				-0.009		0.027
2.696		0.023						-0.152
2.7			-0.084					0.11
2.7			-0.057				-0.047	0.13
2.696			0.123			-0.056	-0.135	
2.697	0.275				0.328	-0.034		-0.211
2.704						-0.043		0.079
2.697		0.038	-0.092					0.127
2.701	0.114	0.039	0.051	0.02		-0.019		
2.7	0.11		0.054			-0.03		0.09
2.701		0.032	-0.043	0.021		-0.023		
2.694		0.04				-0.05	-0.103	0.175
2.706			0.021	0.102				-0.205
2.694		0.04			-0.006	-0.048	-0.099	0.175
2.696		0.044			-0.088			0.043
2.7			-0.068				-0.012	0.106
2.702		0.041	0.105	0.02	-0.179	-0.01		
2.697		0.046	-0.139	0.504			0.046	0.12
2.704	0.147	0.042	0.061			-0.03		0.11
2.702		0.024					-0.034	-0.121
2.696	0.029	0.032				-0.024		
2.699	0.043					-0.02		

2.696		0.046			-0.095		-0.008	0.064
2.702	-0.163	0.034	-0.267					0.147
2.695		0.071	-0.184					0.209
2.696	-0.062	0.036			-0.124			
2.696	-0.017	0.049			-0.127			0.077
2.7					-0.059		-0.036	0.115
2.705			-0.088	0.02				0.105
2.706	0.11		0.042	0.02		-0.03		0.091
2.696	0.015	0.027				-0.021		-0.035
2.699	-0.021						-0.067	
2.698		0.035	-0.074	0.375				0.052
2.699	-0.243				-0.268			
2.696		0.026	-0.017			-0.02		-0.029
2.694		0.07	-0.191				0.018	0.2
2.696		0.038			-0.073		0.009	
2.7						-0.015	-0.042	-0.005
2.694			-0.208		0.431	-0.113	-0.303	0.244
2.702			0.116	0.02		-0.058	-0.139	
2.7					-0.027		-0.065	0.118
2.704			-0.019	0.02			-0.05	
2.694	-0.026	0.068	-0.203					0.206
2.696		0.026			-0.013	-0.02		-0.04
2.699	0.032					-0.008		-0.054
2.698			0.073			-0.064	-0.131	0.136
2.701		0.032	-0.05	0.02		-0.019		
2.704	0.277		-0.065	0.02	0.308	-0.037		
2.696	-0.024	0.028	-0.05			-0.021		
2.705						-0.077		0.094
2.7						-0.052		0.074
2.703		0.024				-0.018		-0.172
2.701	0.126	0.049						0.132
2.702	0.292	0.029			0.269	-0.031		-0.058
2.7			-0.023				-0.072	0.123
2.699					0.006		-0.051	
2.699			-0.005				-0.038	
2.696		0.031			-0.027	-0.023		
2.702	-0.062	0.042	0.128	0.02	-0.273			
2.703	0.252				0.294	-0.032		-0.22
2.701		0.018				-0.009		-0.111
2.698	-0.178	0.035			-0.257			0.109
2.701		0.012	0.021					-0.175
2.707	-0.189				-0.183		-0.12	0.133
2.694		0.065	-0.147		-0.019			0.192
2.703								
2.705	-0.178		0.117	0.021	-0.247		-0.112	
2.705			-0.167	0.02	0.074			0.115
2.704			-0.206	0.02	0.157			
2.704	-0.032		-0.025	0.02			-0.076	

2.699			-0.047					
2.702		0.044	0.15	0.02	-0.238			
2.699					-0.047	-0.017		
2.699			-0.05			-0.016		
2.703			0.052	0.019		-0.061	-0.13	0.144
2.696	0.083	0.04					0.017	
2.704			-0.104	0.02	0.08		-0.03	
2.696		0.022				-0.022		-0.066
2.696	0.108	0.042	0.024				0.015	
2.697	-0.089	0.04	-0.192	0.483				0.141
2.703		0.043	-0.144				0.049	0.116
2.695		0.06			-0.13	-0.017		0.16
2.703		0.038	-0.106	0.02				0.127
2.704			-0.017	0.02			-0.046	
2.695		0.025	-0.125	0.486	0.229	-0.079	-0.211	0.216
2.699	-0.116		0.081		-0.144		-0.103	
2.696	0.09	0.043					0.009	0.023
2.706			-0.081	0.02			-0.011	0.106
2.703		0.038	-0.136	0.02	0.029			0.131
2.696	0.073	0.04						0.012
2.702		0.04	0.099	0.02	-0.177			-0.008
2.706	0.155				0.085	-0.034		0.098
2.696	0.086	0.04	0.012					0.009
2.702		0.041	0.093	0.02	-0.176		0.001	
2.7					-0.051		-0.03	0.102
2.696	0.083	0.039	0.014					
2.7					-0.082			0.1
2.706	0.082					-0.027		0.105
2.706			-0.091	0.02				0.105
2.703	0.155	0.027	0.141	0.021		-0.021		-0.091
2.702		0.026	-0.03	0.02		-0.02		-0.031
2.704			0.002	0.02	-0.012		-0.057	
2.706			-0.088					0.105
2.7	0.029						-0.061	0.116
2.701	-0.041		-0.054				-0.086	0.131
2.701			0.045			-0.011		-0.209
2.699	0.081		0.045			-0.022		
2.701	0.298	0.034	-0.023	0.02	0.276	-0.034		
2.695		0.026			0.081	-0.07	-0.165	0.18
2.698		0.037			-0.087			0.113
2.697		0.043	-0.104	0.522				0.129
2.706	0.11		0.041			-0.031		0.091
2.701		0.018			-0.008			-0.109
2.696	-0.23	0.014	-0.047	0.421		-0.088	-0.29	0.228
2.701		0.028	-0.078	0.02	0.039	-0.022		
2.701	-0.239	0.068			-0.416			0.18
2.696		0.042	-0.167	0.504	0.061			0.138
2.704			-0.165	0.02	0.119			

2.696	0.092	0.04			0.011		0.009	
2.705	0.039					-0.008		-0.065
2.707					0.014	-0.008		-0.179
2.703			-0.086	0.471				0.1
2.695		0.038	-0.075					0.031
2.705		0.023					-0.121	0.143
2.7		0.019						
2.696	-0.227	0.058			-0.371			0.168
2.699	-0.029		0.007				-0.087	
2.704			0.069	0.02		-0.066	-0.136	0.133
2.699		0.023	-0.126	0.018	0.226	-0.081	-0.205	0.213
2.705			-0.018	0.02			-0.039	
2.699	-0.038				0.001		-0.09	
2.7			-0.018		-0.014		-0.059	0.116
2.707	0.01					-0.005		-0.127
2.702	0.008	0.03	-0.034	0.02		-0.022		
2.7		0.041				-0.051	-0.142	0.202
2.701	0.064	0.031				-0.009		0.044
2.702	0.026	0.026				-0.02		-0.043
2.699	-0.147	0.017				-0.085	-0.243	0.204
2.696		0.035	-0.068				0.01	
2.7	-0.247					-0.106	-0.333	0.223
2.7	-0.05				-0.149			0.115
2.705			-0.064	0.02			-0.05	0.127
2.697	0.155	0.026	0.154			-0.022		-0.09
2.706					-0.084			0.093
2.699			0.006		0.02		-0.076	
2.696	-0.176	0.061	0.06		-0.387			0.165
2.703	0.155	0.026	0.143			-0.021		-0.097
2.704	-0.214	0.035			-0.304			0.107
2.708	-0.273		0.449	0.023	-0.768			
2.702		0.039	0.104		-0.179			-0.016
2.702	0.085	0.042				-0.015		0.033
2.7					-0.095			0.11
2.706					-0.094	-0.018		0.111
2.705			-0.167		0.074			0.115
2.698		0.041			-0.105		0.023	0.104
2.7	-0.159	0.015				-0.088	-0.252	0.204
2.702		0.026	-0.027			-0.02		-0.037
2.7			0.005		-0.099			0.108
2.702		0.025			-0.024	-0.019		-0.046
2.703			0.053			-0.062	-0.131	0.144
2.701	0.067					-0.019		0.098
2.699		0.016				-0.014		-0.113
2.707			0.121	0.021	-0.188	-0.022		0.076
2.704		0.021					-0.112	0.14
2.699					-0.046			
2.699					-0.032	-0.006		-0.057

2.703	0.119	0.023	0.11	0.022				-0.152
2.706			-0.039	0.02			-0.068	0.123
2.702		0.02						-0.174
2.7	0.073							0.094
2.706			-0.081				-0.011	0.106
2.706			-0.092					0.106
2.705	-0.027		-0.007	0.02			-0.083	
2.696	-0.098	0.06			-0.247	-0.005		0.171
2.696	0.219	0.023			0.217			-0.139
2.705			-0.057	0.02				
2.7		0.065	-0.166	0.018		-0.017		0.194
2.695	0.201	0.08						0.198
2.7							-0.092	0.125
2.7							-0.096	0.128
2.7			-0.063	0.44		-0.029		0.105
2.706			-0.004	0.02	-0.048		-0.049	0.109
2.702		0.023	-0.02	0.021				-0.102
2.702	0.2	0.023			0.188			-0.149
2.703		0.038	-0.105					0.127
2.706					-0.045		-0.057	0.113
2.705			0.006	0.02	0.001		-0.07	
2.71		0.033	-0.107	0.021				0.12
2.705	0.091		0.045	0.02		-0.023		
2.706	-0.029		-0.061	0.02			-0.078	0.128
2.7		0.016			0.172	-0.097	-0.279	0.221
2.696	-0.35		-0.093	0.405		-0.105	-0.365	0.256
2.703		0.038	-0.136		0.029			0.131
2.701		0.077			-0.202			0.193
2.7		0.043	-0.038	0.019		-0.042	-0.087	0.178
2.7	0.146	0.033	0.093	0.306				-0.027
2.698	-0.724				-0.662		-0.239	0.226
2.704		0.033	-0.093					0.119
2.703	0.118	0.022	0.112					-0.158
2.707	0.078					-0.022		0.096
2.701			0.124		-0.178	-0.021		0.077
2.7			-0.097			-0.016		0.135
2.706					-0.07		-0.034	0.11
2.695		0.066			-0.178		0.035	0.154
2.705			-0.065				-0.049	0.127
2.695			-0.263		0.442	-0.105	-0.274	0.251
2.705			-0.061	0.02		-0.017		
2.7	0.048						-0.04	0.108
2.704			0.068			-0.066	-0.135	0.133
2.699			0.064		-0.108	-0.015		
2.707			0.312	0.022	-0.427		0.07	
2.702	0.018	0.023						-0.111
2.696	0.009	0.023						-0.095
2.7		0.029						0.065

2.696		0.023	-0.01					-0.091
2.702								0.058
2.699	0.014		-0.046					
2.7	0.038						-0.049	0.109
2.699			-0.041		-0.02			
2.696		0.022			-0.007			-0.098
2.7	0.046		-0.051					0.115
2.696		0.058	-0.018		-0.117	-0.013		0.166
2.7	-0.264		-0.348	0.408				0.14
2.696		0.059			-0.137	-0.013		0.165
2.699		0.022	-0.128		0.228	-0.081	-0.206	0.213
2.702		0.022			-0.017			-0.112
2.702		0.022	-0.018					-0.108
2.696		0.021	0.15			-0.084	-0.239	0.184
2.702		0.047			-0.107	-0.009		0.065
2.696		0.02					0.001	-0.117
2.706					-0.067		-0.026	0.099
2.707			0.121		-0.188	-0.022		0.076
2.699	-0.014				-0.073			
2.695		0.045	-0.028	0.48		-0.041	-0.095	0.18
2.706			-0.038				-0.068	0.123
2.701		0.039			-0.083			0.014
2.697	-0.311		-0.048	0.39		-0.107	-0.372	0.253
2.706			0.024	0.02	-0.123			0.099
2.697	0.561				0.641	-0.052		-0.196
2.704			-0.077	0.421		-0.012		0.104
2.696								0.067
2.699	0.046							
2.695		0.041				-0.029	-0.077	
2.702		0.019				-0.022		-0.087
2.696	-0.347		-0.09	0.404		-0.106	-0.37	0.271
2.702	0.12	0.042	0.022	0.02			0.019	
2.706					-0.091			0.095
2.694		0.032				-0.023		
2.697	-0.347		-0.072	0.382	-0.02	-0.103	-0.363	0.253
2.696	-0.335		-0.083	0.385		-0.103	-0.361	0.254
2.7	0.085							0.102
2.704		0.038			-0.1			0.111
2.695		0.053	-0.123			-0.019		0.171
2.701	-0.394	0.051			-0.482		-0.1	0.208
2.695	0.152				0.397	-0.096	-0.262	
2.702	0.102	0.036	0.035	0.02				-0.025
2.7	0.112		0.088			-0.026		
2.704		0.041			-0.121		0.027	0.102
2.705					-0.04	-0.005		-0.067
2.706	0.109		0.071	0.021		-0.026		
2.706			-0.004		-0.048		-0.049	0.109
2.698	0.12	0.044					0.036	0.101

2.702		0.028			-0.042	-0.011		
2.701	0.093	0.039	0.014	0.019				
2.698	0.091	0.039						0.114
2.706	-0.03		-0.062				-0.078	0.128
2.697								0.07
2.703	0.139	0.036	0.091	0.021		-0.025		
2.706	0.097	0.041				-0.021		0.116
2.703		0.018					-0.005	-0.14
2.695					0.254	-0.095	-0.286	0.046
2.71		0.033	-0.107					0.12
2.696		0.039	-0.063				-0.038	0.062
2.707			0.137	0.021	-0.216			0.073
2.705		0.021					-0.105	0.129
2.705		0.03	-0.082			-0.013		0.121
2.7							-0.109	0.137
2.702		0.044			-0.097		-0.009	0.048
2.7		0.065	-0.165			-0.017		0.194
2.697	0.121	0.023	0.125					-0.145
2.695		0.006			0.209	-0.08	-0.228	
2.696			0.283			-0.119	-0.402	0.236
2.705			0.073	0.02	-0.126	-0.015		
2.702	0.004	0.046			-0.104			0.051
2.706	-0.051				-0.159			0.11
2.7	0.079							0.095
2.7			-0.108					0.131
2.7	0.085	0.04				-0.019		0.117
2.701			0.144		-0.209			0.073
2.696	0.068	0.057	-0.063			-0.019		0.169
2.7		0.043	-0.038			-0.042	-0.086	0.178
2.7			0.015	0.018	0.239	-0.12	-0.364	0.245
2.701					0.023	-0.008		-0.164
2.695					0.234	-0.086	-0.256	
2.698						-0.041	-0.084	0.142
2.696		0.064	0.073		-0.229			0.163
2.702	0.103	0.035	0.039					-0.033
2.706	0.052						-0.047	0.11
2.706					-0.104			0.106
2.701		0.034	-0.079	0.019			0.013	
2.706			0.022		-0.122			0.1
2.695			0.029		0.213	-0.087	-0.26	
2.703	0.565				0.638	-0.052		-0.206
2.694	-0.601	0.016			-0.4	-0.076	-0.345	0.27
2.711		0.03	-0.096	0.02		-0.013		0.122
2.702	0.069	0.035						-0.017
2.706						-0.055		0.066
2.701		0.033	-0.07	0.019				0.002
2.698						-0.042	-0.089	0.146
2.701	0.099		0.023					0.091

2.699	0.023		0.026		-0.057			
2.696		0.061			-0.152		-0.001	0.169
2.699			-0.023			-0.007		-0.074
2.704		0.028				-0.029	-0.069	0.036
2.702	0.095	0.041					0.011	0.007
2.706		0.038	0.158	0.022	-0.24	-0.019		0.09
2.698						-0.04	-0.069	0.128
2.697	0.142	0.035	0.107			-0.025		
2.694		0.01	-0.067		0.229	-0.07	-0.181	
2.705			-0.024	0.02	-0.046			
2.696		0.029	-0.148		0.104			
2.701	0.101				0.023			0.095
2.702		0.021	0.132	0.02		-0.082	-0.233	0.183
2.696		0.029	0.048			-0.058	-0.13	0.16
2.705	0.023		-0.047	0.02				
2.706	0.057		-0.046	0.02				0.109
2.696	-0.087	0.027	-0.127					
2.702	-0.197	0.06	0.086	0.019	-0.44			0.156
2.707			0.139		-0.218			0.072
2.696	0.04	0.027					0.024	-0.067
2.696		0.026	-0.042				0.022	-0.05
2.701			0.318		-0.418		0.068	
2.696		0.06	-0.023		-0.133		0.012	0.163
2.694	-0.079	0.024				-0.045	-0.123	
2.696		0.025			-0.032		0.015	-0.062
2.705								0.042
2.7		0.04			-0.018	-0.047	-0.095	0.169
2.7		0.037				-0.052	-0.108	0.17
2.702	-0.254		0.446		-0.732			
2.694		0.024			0.077	-0.048	-0.114	
2.706	0.086							0.093
2.695	0.093	0.055				-0.012		
2.707	0.011		0.074	0.021	-0.146			0.079
2.701		0.032	-0.066					-0.005
2.696	0.128	0.058				-0.021		0.16
2.696		0.022					-0.034	-0.054
2.696		0.024	-0.019		-0.004			-0.052
2.696	-0.003	0.024	-0.027					-0.049
2.704	0.106		0.143	0.022		-0.02		-0.216
2.701	0.057		0.035		-0.053			0.087
2.701	0.005					-0.004		-0.104
2.696	0.002	0.024			-0.019			-0.058
2.7					0.257	-0.122	-0.368	0.248
2.708			0.467	0.022	-0.525			
2.707	0.096		0.007	0.02				0.092
2.705			-0.107	0.019		-0.016		0.132
2.7		0.032			-0.047			
2.696		0.033	-0.065				0.024	

2.704	0.106		0.144			-0.02		-0.22
2.698					0.037	-0.021		-0.161
2.7		0.063	-0.123	0.018	-0.046			0.181
2.7					0.253	-0.12	-0.36	0.244
2.7			0.014		0.24	-0.12	-0.364	0.245
2.695	0.109	0.054				-0.027		0.148
2.7		0.068	-0.197	0.018			0.015	0.196
2.702		0.024	0.043	0.021	-0.073			-0.072
2.711		0.03	-0.095			-0.012		0.122
2.696		0.03	-0.122		0.056		0.027	
2.7		0.068	-0.188	0.018				0.202
2.704					0.027	-0.02		-0.174
2.696	-0.052	0.029	-0.107				0.017	
2.694	-0.571				-0.296	-0.092	-0.386	0.233
2.704			0.025	0.021		-0.019		-0.172
2.702	-0.061	0.029	-0.117	0.02				
2.702		0.026	-0.055	0.02			0.022	-0.051
2.702		0.034	-0.08	0.021			0.025	
2.694	-0.258					-0.091	-0.311	0.113
2.694	-0.028	0.012			0.125	-0.065	-0.173	
2.696			0.265			-0.088	-0.308	
2.694	-0.749		0.035		-0.495	-0.092	-0.426	0.282
2.702	0.057	0.024	0.026	0.021				-0.074
2.694		0.014			0.14	-0.063	-0.16	-0.001
2.694	-0.228	0.004				-0.083	-0.276	0.092
2.706	0.054						-0.044	0.106
2.7	-0.014	0.066	-0.196	0.018				0.198
2.694	-0.662				-0.369	-0.098	-0.428	0.288
2.696	-0.075	0.026	-0.097		-0.018			
2.706	0.056		-0.048					0.109
2.702		0.03	-0.115	0.02	0.056			
2.695	-0.232					-0.082	-0.274	0.077
2.704	0.139	0.045					0.043	0.098
2.702	0.055	0.027					0.029	-0.076
2.694	-0.265		-0.015			-0.088	-0.301	0.109
2.694	-0.703				-0.415	-0.095	-0.423	0.286
2.703	0.181	0.027	0.139	0.021			0.026	-0.122
2.7			-0.183	0.018	0.387	-0.11	-0.289	0.231
2.704			0.027			-0.019		-0.177
2.703		0.038	-0.103	0.538				0.12
2.695			-0.087		0.292	-0.08	-0.214	
2.706	0.061						-0.034	0.102
2.705	-0.005		0.049	0.02	-0.119			
2.708		0.027	-0.051	0.021		-0.015		
2.708			0.307	0.022	-0.345			
2.694		0.038	-0.011			-0.027	-0.048	
2.695	-0.233				0.005	-0.084	-0.281	0.083
2.702		0.025			-0.046		0.019	-0.069

2.701		0.058			-0.138	-0.017		0.156
2.702	-0.254	0.056			-0.404			0.161
2.694		0.037				-0.03	-0.057	0.005
2.707		0.038	0.157		-0.239	-0.019		0.09
2.695	0.206	0.064	0.086					
2.702	-0.203	0.06	0.088		-0.447			0.156
2.706	0.093							0.097
2.704						-0.044	-0.092	0.139
2.702		0.023	0.05		-0.077			-0.079
2.698	-0.3		-0.36			-0.023		0.148
2.704						-0.043	-0.083	0.132
2.698			0.035			-0.019		-0.161
2.697			0.266			-0.112	-0.355	0.205
2.704	-0.022					-0.018		-0.162
2.7		0.027			0.057	-0.066	-0.152	0.174
2.695			-0.133		0.325	-0.081	-0.214	0.026
2.702		0.021	0.134			-0.083	-0.235	0.184
2.695			-0.187	0.487	0.412	-0.113	-0.307	0.236
2.702	-0.029	0.024			-0.061			-0.061
2.698	-0.031					-0.019		-0.146
2.699	0.13	0.039	0.037					0.109
2.695	-0.043		-0.08		0.234	-0.076	-0.211	
2.707	0.009		0.075		-0.15			0.079
2.694	-0.265					-0.096	-0.341	0.162
2.701		0.038	0.16		-0.229	-0.019		0.091
2.705			-0.107			-0.016		0.132
2.703	0.127	0.024	0.136	0.021	-0.03			-0.11
2.697	0.038	0.032						
2.702		0.026	-0.052				0.021	-0.057
2.704	-0.707				-0.659		-0.232	0.219
2.704						-0.045	-0.096	0.143
2.7		0.028				-0.036		0.088
2.707	0.096		0.007					0.092
2.704			-0.042	0.142				-0.06
2.707	0.08				-0.01			0.093
2.702	0.061	0.024	0.033					-0.081
2.706			-0.117	0.02				0.128
2.699	0.153	0.04			0.057			0.114
2.704	0.104	0.039						0.112
2.703	0.181	0.026	0.141				0.026	-0.128
2.705	0.096	0.04	0.046	0.021	-0.055			0.105
2.699	0.176	0.042			0.069		0.013	0.11
2.705	0.128	0.04	0.021	0.021				0.109
2.699	0.138	0.04	0.012		0.031			0.112
2.697		0.027	0.097	0.478		-0.07	-0.195	0.176
2.705	0.141	0.042	0.024	0.021			0.011	0.105
2.7		0.021				-0.076		0.105
2.699	0.123	0.04	0.029				0	0.109

2.701		0.03	0.031	0.02		-0.057	-0.126	0.16
2.697		0.049	-0.12			-0.01		0.114
2.706							-0.099	0.121
2.701		0.056	-0.003	0.019	-0.138	-0.014		0.157
2.702					-0.068	-0.014		0.095
2.696		0.035	0.027	0.511		-0.054	-0.122	0.16
2.695	0.124	0.06					0.017	
2.697		0.029	0.049	0.407		-0.052	-0.127	0.112
2.694	-0.288		-0.037			-0.092	-0.321	0.155
2.694	-0.24		0.023			-0.093	-0.323	0.133
2.697	0.392	0.033			0.315		0.067	-0.105
2.694	-0.202	0.008				-0.079	-0.261	0.114
2.705			-0.031	0.02		-0.007		-0.081
2.694	-0.244				0.016	-0.094	-0.322	0.14
2.694	-0.256	0.001				-0.092	-0.319	0.141
2.696		0.033				-0.044	-0.082	0.15
2.706	0.087							0.09
2.706		0.036	0.081	0.021	-0.159		-0.028	0.107
2.698		0.031	-0.033					
2.705		0.012				-0.013		-0.135
2.702	-0.093	0.027	-0.065	0.02	-0.08			
2.698	0.133	0.045	0.028	0.54				0.11
2.699			0.084	0.459		-0.066	-0.144	0.132
2.697	0.165	0.026	0.144				0.016	-0.115
2.702	-0.02	0.03	-0.093	0.02			0.02	
2.694	-0.259	0.002	-0.015			-0.089	-0.306	0.138
2.698	0.11		0.157			-0.02		-0.207
2.695	-0.117		0.126			-0.079	-0.262	
2.697	0.167	0.024	0.104		0.05			-0.102
2.695	0.114	0.06						0.011
2.694	-0.282		-0.013		-0.015	-0.091	-0.317	0.142
2.702		0.031	-0.083	0.02	0.007		0.023	
2.703	0.124	0.023	0.14		-0.035			-0.117
2.694	-0.27	0.002			-0.025	-0.088	-0.306	0.133
2.706							-0.111	0.131
2.701			0.066	0.019	0.168	-0.087	-0.265	
2.695	-0.1				0.108	-0.075	-0.22	
2.695	0.119	0.058			0.011			
2.696					0.195	-0.099	-0.249	0.186
2.695		0.059	0.097		-0.205			
2.698	0.19	0.045	-0.013	0.535	0.095			0.118
2.699	0.18	0.048	0.056	0.528			0.026	0.099
2.695		0.053			-0.09	-0.008		
2.704		0.02	0.206	0.022	-0.206			-0.161
2.708					-0.08	-0.015		0.094
2.7	0.074	0.036					-0.026	0.121
2.705			-0.03			-0.006		-0.085
2.696	-0.03	0.03			-0.073			

2.696		0.031			-0.047		0.003	
2.7		0.063	-0.122		-0.047			0.181
2.696	-0.059	0.028			-0.096		-0.005	
2.7		0.068	-0.196				0.015	0.196
2.702	-0.099	0.059			-0.256	-0.005		0.167
2.702		0.026	-0.037			-0.014		
2.696			-0.018	0.459	0.272	-0.118	-0.363	0.249
2.695		0.056	-0.154				0.014	0.172
2.707		0.038	0.159	0.021	-0.253			0.087
2.7		0.068	-0.187					0.202
2.696	0.054	0.033					0.008	
2.695	0.028	0.047	-0.045			-0.015		
2.7			-0.184		0.388	-0.11	-0.289	0.231
2.695	-0.031	0.053	-0.172					0.178
2.695		0.06			-0.119			0.035
2.705		0.019	0.208		-0.206			-0.168
2.7		0.034	0.064		-0.122		-0.038	0.114
2.703		0.032	-0.045	0.02				
2.704						-0.015		-0.132
2.695	-0.14	0.006	0.047			-0.066	-0.206	
2.7		0.013	-0.056	0.019	0.189	-0.065	-0.166	
2.706			-0.117					0.128
2.702		0.063	0.116	0.019	-0.281			0.154
2.7	-0.015	0.066	-0.196					0.199
2.698		0.03				-0.028	-0.069	0.071
2.7	0.177		-0.057		0.189			
2.702			0.264	0.019		-0.117	-0.387	0.227
2.695					0.198	-0.075	-0.198	-0.02
2.703		0.027	0.22	0.227	-0.253			-0.067
2.701		0.051	-0.126	0.019		-0.02		0.164
2.695	-0.183		0.021			-0.069	-0.225	
2.701		0.065			-0.187		0.037	0.149
2.695		0.051	-0.088			-0.013		0.026
2.695		0.048	-0.048		-0.027	-0.013		
2.702			0.252	0.02		-0.088	-0.304	
2.695		0.054			-0.097		-0.004	
2.702		0.035	-0.057	0.019			-0.043	0.04
2.697		0.025				-0.041		
2.701	0.116		0.053	0.451		-0.03		0.089
2.695	-0.202					-0.067	-0.229	
2.704						-0.015	0.002	-0.123
2.7	-0.649				-0.605		-0.123	0.132
2.696	0.057	0.058	-0.099				0.007	0.173
2.701					0.228	-0.089	-0.264	0.018
2.695		0.048	-0.076			-0.013		
2.7			-0.206	0.452	0.117			0.121
2.695	0.054	0.043				-0.016		-0.028
2.694		0.009			0.196	-0.084	-0.247	0.091

2.705	0.093	0.04	0.048		-0.059			0.105
2.704		0.02	0.193	0.022	-0.187		-0.029	-0.107
2.705	0.128	0.04	0.021					0.109
2.7	0.153						0.11	
2.701		0.057			-0.142	-0.014		0.158
2.701		0.056	-0.004		-0.136	-0.014		0.157
2.705	0.138	0.042	0.023				0.01	0.106
2.704						-0.017	-0.029	-0.095
2.701			0.463		-0.507			
2.701		0.03	0.032			-0.057	-0.126	0.16
2.698						-0.014		-0.109
2.695			-0.317	0.534	0.493	-0.108	-0.281	0.258
2.7		0.031			-0.047		-0.057	0.13
2.707								0.05
2.692		0.031						
2.697					0.036	-0.023		-0.124
2.701	0.079	0.055	-0.056	0.019		-0.02		0.161
2.698		0.028						
2.695	0.023	0.047			-0.046	-0.015		
2.695		0.046			-0.068	-0.013		-0.009
2.706		0.036	0.08		-0.158		-0.028	0.107
2.705	0.132	0.04			0.024			0.113
2.705	0.151	0.041			0.034		0.01	0.109
2.691		0.031						
2.69		0.033						
2.695			0.081		0.169	-0.094	-0.293	0.075
2.692		0.031					0.002	
2.705		0.022	0.252	0.022	-0.259	-0.01		-0.119
2.7		0.036	-0.011	0.02		-0.03	-0.056	
2.701	-0.097		0.137	0.02		-0.081	-0.266	
2.695		0.038	-0.271		0.192	-0.032		0.159
2.703	0.369	0.032			0.283		0.065	-0.108
2.708		0.023			-0.056	-0.003		-0.007
2.694	0.488	0.039	-0.261		0.719	-0.051		
2.706	-0.688				-0.655		-0.125	0.131
2.702		0.018					-0.027	-0.086
2.697	0.163				0.186	-0.027		-0.123
2.706	0.1	0.039					-0.01	0.115
2.695	-0.176	0.006				-0.062	-0.195	
2.699	-0.491		-0.335		-0.222			0.138
2.706							-0.116	0.133
2.706	0.134		-0.024	0.02	0.101			
2.704		0.019	0.196		-0.187		-0.029	-0.114
2.695					0.239	-0.093	-0.277	0.082
2.696	0.098	0.057	-0.031	0.5		-0.019		0.157
2.707			0.129	0.021	-0.169	-0.017		
2.702		0.034	-0.054				-0.043	0.033
2.702			0.251	0.019		-0.111	-0.354	0.205

2.698						-0.016	-0.025	-0.077
2.699			0.051	0.433		-0.059	-0.125	0.14
2.693	-0.314	0.014	-0.112			-0.092	-0.322	0.264
2.695		0.008	0.207			-0.075	-0.231	
2.701		0.059	-0.003	0.019	-0.163		0.017	0.153
2.704			0.026	0.021		-0.022		-0.134
2.707		0.037	0.16		-0.254			0.087
2.704					0.03	-0.023		-0.136
2.696		0.053	-0.121	0.485		-0.019		0.162
2.697	0.257		0.05		0.237	-0.029		-0.145
2.701		0.037	0.165		-0.245			0.088
2.704	0.143		0.06	0.021	0.106			-0.222
2.701		0.026				-0.055		
2.705		0.022	0.254		-0.259	-0.01		-0.125
2.698	-0.029					-0.021		-0.114
2.702			0.265			-0.117	-0.389	0.228
2.701			-0.072	0.442			-0.016	0.107
2.702			0.313		-0.338			
2.698			0.032			-0.021		-0.125
2.704	0.258				0.26		0.035	-0.257
2.704	0.075		0.093	0.021				-0.213
2.702		0.063	0.119		-0.284			0.154
2.694		0.013	-0.048		0.194	-0.071	-0.192	0.078
2.699					-0.189		0.178	
2.701			-0.084	0.436				0.103
2.704	0.141		0.064		0.101			-0.227
2.701			-0.082	0.444				0.1
2.704			0.027			-0.021		-0.139
2.704		0.013	0.037	0.021			-0.056	-0.126
2.7		0.014			0.119	-0.059	-0.147	-0.021
2.698	0.148				0.171			-0.2
2.704	0.076		0.095					-0.218
2.698	0.27				0.284		0.032	-0.244
2.694	-0.224	0.015				-0.1	-0.352	0.264
2.698			0.037				-0.035	-0.158
2.703			0.01	0.097				-0.167
2.697			-0.054		0.07	-0.021		-0.094
2.696			0.247			-0.081	-0.261	-0.024
2.701	0.214	0.064	0.083	0.019				
2.701	-0.121	0.009	0.035	0.02		-0.063	-0.19	
2.701		0.009	0.191	0.02		-0.074	-0.229	
2.704	0.056		0.077	0.021				-0.207
2.701		0.051	-0.126			-0.02		0.164
2.704	-0.024					-0.021		-0.127
2.701		0.06	0.123	0.02	-0.243			
2.704	0.094		0.117	0.062				-0.214
2.7			-0.076	0.019	0.267	-0.08	-0.211	
2.694		0.054				-0.056	-0.176	0.243

2.7			0.238	0.259		-0.09	-0.294	0.07
2.695	0.294	0.027			0.309	-0.034		-0.126
2.699	-0.366		-0.41				-0.044	0.166
2.704	0.084		0.113	0.022			-0.008	-0.216
2.704	0.106				0.125			-0.205
2.701	0.205	0.078						0.19
2.7	-0.228		-0.01	0.019		-0.081	-0.268	0.068
2.698	0.121				0.149			-0.195
2.704			0.012	0.021				-0.183
2.704	0.151				0.167			-0.214
2.704			0.023	0.021			-0.01	-0.179
2.7		0.034				-0.031	-0.059	-0.015
2.694		0.012			0.15	-0.069	-0.183	0.047
2.696		0.059	0.008	0.467	-0.147	-0.011		0.157
2.704	0.062		0.085					-0.213
2.697			-0.316		0.327	-0.037		
2.704			0.03	0.021			-0.036	-0.17
2.704	0.085		0.116				-0.007	-0.221
2.708	0.45	0.056	0.186	0.022			0.212	
2.698					0.018			-0.17
2.702		0.033				-0.048	-0.095	0.153
2.698						-0.013	0.01	-0.107
2.704			0.015	0.021	0			-0.183
2.695			-0.056		0.272	-0.087	-0.24	0.063
2.698					0.032		-0.037	-0.147
2.698	0.184		0.026		0.19			-0.214
2.697			-0.314		0.302	-0.032		
2.698			0.018					-0.171
2.698	-0.001		0.019			-0.019		-0.113
2.704	-0.261		-0.332	0.019		-0.024		0.142
2.704			0.013					-0.187
2.702			0	0.146		-0.02		-0.09
2.704		0.013	0.039				-0.056	-0.133
2.698			-0.303		0.241	-0.036		0.144
2.694	-0.407		-0.131			-0.109	-0.391	0.282
2.7			-0.239	0.017	0.39	-0.1	-0.254	0.237
2.695	0.044	0.053	-0.069				0.028	
2.698	-0.016							-0.163
2.704			0.024				-0.01	-0.184
2.704					0.012			-0.183
2.695		0.051	-0.047		-0.055		0.017	
2.702			0.231	0.021		-0.079	-0.254	-0.037
2.701						-0.023		
2.704			0.032				-0.035	-0.175
2.7	-0.193	0.006				-0.075	-0.243	0.059
2.696	-0.153	0.036	-0.227			-0.024		0.149
2.698	-0.033						-0.044	-0.134
2.694	-0.368		-0.082			-0.112	-0.402	0.28

2.704					0.02		-0.007	-0.18
2.701			0.137		-0.165	-0.017		
2.704	-0.01							-0.179
2.701	-0.102		-0.038	0.019	0.122	-0.073	-0.214	
2.704			0.021		-0.004			-0.189
2.698	0.061		0.082					-0.196
2.706		0.033			-0.066		-0.049	0.126
2.698			-0.048		0.069			-0.16
2.698					0.032		-0.011	-0.164
2.704	-0.019						-0.008	-0.173
2.7	-0.23					-0.084	-0.285	0.077
2.7		0.03	-0.038				-0.07	0.139
2.695		0.005	0.122		0.08	-0.073	-0.222	
2.704	0.156		0.19	0.021		-0.022		-0.187
2.695	-0.047	0.048	-0.027		-0.106			
2.701	0.078	0.055	-0.057			-0.02		0.162
2.695	-0.085	0.051			-0.179			0.02
2.698		0.018	0.178		-0.152		-0.039	-0.097
2.702		0.023			-0.046	-0.003		0.003
2.701		0.06			-0.163		0.005	0.161
2.695	-0.055	0.049			-0.145		0.005	
2.698	-0.032						-0.014	-0.154
2.704							0.003	-0.167
2.695		0.01	0.179			-0.066	-0.211	
2.695			0.117		0.111	-0.079	-0.242	
2.704	0.199		0.094	0.02	0.123	-0.025		-0.157
2.698			0.034				-0.012	-0.168
2.695	0.408	0.05	-0.152	0.598	0.465	-0.044		0.151
2.694	-0.311					-0.121	-0.436	0.286
2.695		0.053	-0.104					0.026
2.695	-0.027		0.14		0.062	-0.078	-0.248	
2.704	0.156		0.192			-0.022		-0.192
2.702			0.252			-0.111	-0.354	0.205
2.7	-0.223		-0.006			-0.08	-0.265	0.06
2.695	-0.066	0.003	0.147			-0.072	-0.233	
2.698		0.013	0.05				-0.06	-0.115
2.695		0.049	-0.058		-0.03			0.009
2.7	-0.21					-0.078	-0.254	0.048
2.695		0.05			-0.095		0.019	-0.015
2.698	-0.013		0.011					-0.167
2.697	0.222	0.034	-0.042		0.207			
2.7	-0.208				0.003	-0.078	-0.256	0.049
2.696	0.166	0.062					0.017	0.159
2.704			0.113	0.021	-0.102			-0.203
2.701	-0.172		0.021	0.02		-0.07	-0.222	
2.7	0.037	0.047	-0.044	0.019		-0.016		
2.695	-0.07		0.161			-0.076	-0.251	
2.701			-0.052	0.435			-0.056	0.126

2.704	0.064		0.078	0.021		-0.02		-0.14
2.695		0.052	-0.105				0.009	0.02
2.699								0.064
2.703	0.134		0.15	0.102		-0.021		-0.15
2.702			0.231			-0.079	-0.252	-0.042
2.697	0.226	0.036			0.157		0.015	
2.698			0.015			-0.012		-0.174
2.695		0.049	-0.092				0.001	
2.705			0.116		-0.103			-0.208
2.701		0.059	-0.004		-0.162		0.017	0.153
2.7						-0.069		0.097
2.698							0.003	-0.143
2.704					0.023		-0.034	-0.162
2.704	0.195		0.099		0.117	-0.024		-0.162
2.704			0.136	0.022	-0.09		-0.036	-0.19
2.695	0.007	0.049	-0.083					0.012
2.701		0.041	0.168	0.463	-0.248	-0.017		0.09
2.704			0.408	0.021	-0.457			
2.699	-0.33		-0.406					0.15
2.696			0.254			-0.088	-0.297	0.038
2.705			0.14		-0.092		-0.035	-0.195
2.704	0.068		0.084			-0.019		-0.146
2.704	-0.022						-0.038	-0.152
2.704			0.02	0.02	-0.012	-0.019		-0.119
2.703	0.102				0.112	-0.023		-0.124
2.701			-0.099	0.019	0.263	-0.073	-0.188	-0.009
2.699	-0.351		-0.423					0.149
2.703	0.184	0.035	-0.014	0.021	0.13			
2.704						-0.018	-0.009	-0.08
2.698					0.008	-0.012		-0.161
2.701		0.047	-0.038	0.019	-0.047	-0.013		
2.699								0.062
2.704			0.008	0.021		-0.012		-0.187
2.694	-0.435		-0.086		-0.067	-0.106	-0.381	0.263
2.695		0.005	0.02		0.155	-0.069	-0.188	
2.695		0.008	0.205			-0.075	-0.236	0.021
2.695	0.095	0.047					0.04	-0.056
2.699		0.019	0.211		-0.199			-0.154
2.694	-0.409		-0.049		-0.071	-0.108	-0.391	0.262
2.695	0.055				0.261	-0.079	-0.212	
2.706	0.315		0.127	0.021			0.144	
2.705	-0.502		-0.28	0.02	-0.297			0.128
2.695	0.026	0.004			0.207	-0.072	-0.19	
2.694	-0.413	-0.001	-0.061		-0.058	-0.11	-0.396	0.265
2.698	0					-0.011		-0.144
2.695	-0.028		0.022		0.154	-0.074	-0.211	
2.704	-0.264		-0.335			-0.024		0.143
2.695	-0.055	0.008	0.048		0.055	-0.061	-0.178	

2.7	-0.169		0.074	0.019		-0.09	-0.305	0.095
2.695		0.066	-0.046	0.557	-0.129			0.219
2.694	-0.375	0.002	-0.107			-0.106	-0.369	0.263
2.695		0.002			0.191	-0.072	-0.2	
2.704			0.027		-0.017	-0.018		-0.125
2.705			0.009			-0.012		-0.191
2.697	-0.063	0.061	0.028	0.449	-0.241			0.157
2.694	-0.491	-0.004			-0.176	-0.109	-0.415	0.262
2.694	-0.385		-0.105			-0.108	-0.381	0.267
2.701			-0.011	0.439	-0.029		-0.058	0.113
2.698			0.085		-0.07			-0.187
2.705	0.006					-0.011		-0.159
2.702	0.132	0.056				-0.023		0.153
2.695	-0.098	0.007	0.07			-0.061	-0.188	
2.698						-0.025	-0.046	
2.694	-0.364	0.001	-0.084			-0.109	-0.382	0.265
2.698	0.073		0.119				-0.018	-0.197
2.698						-0.017	-0.008	-0.061
2.701					0.182	-0.072	-0.187	-0.039
2.706		0.03	-0.054	0.02			-0.067	0.138
2.701	-0.014		-0.044	0.439			-0.074	0.124
2.698	0.14		0.177			-0.021		-0.17
2.694	-0.449				-0.157	-0.105	-0.39	0.254
2.701			-0.036	0.441			-0.065	0.119
2.705					0.001	-0.011		-0.175
2.7	-0.305		0.029	0.019	-0.101	-0.084	-0.3	0.116
2.701	0.115	0.053				-0.028		0.142
2.702	0.032							
2.7	-0.779		0.068	0.018	-0.574	-0.088	-0.417	0.271
2.7			-0.237		0.389	-0.1	-0.254	0.237
2.698			0.417		-0.452			
2.7	0.312		0.139				0.141	
2.699	-0.592	0.016			-0.405	-0.075	-0.338	0.264
2.701	0.057	0.041				-0.017		-0.048
2.702					-0.033			
2.701		0.046	-0.084	0.019		-0.014		
2.695	0.04	0.01			0.182	-0.062	-0.164	
2.7	-0.197	0.006	-0.002	0.019		-0.079	-0.261	0.104
2.696		0.061	0.03	0.466	-0.182			0.157
2.701	0.272	0.027			0.276	-0.032		-0.136
2.697			-0.137	0.347	0.292	-0.085	-0.225	0.141
2.701			-0.094		0.258	-0.072	-0.186	-0.015
2.709		0.038	0.384	0.023	-0.527		0.092	
2.7					-0.091		0.05	
2.703	0.107	0.033	0.052	0.021			-0.011	
2.705			0.205	0.022	-0.17	-0.012		-0.219
2.701		0.048	-0.089	0.019		-0.014		0.004
2.702	0.443	0.055	0.198				0.207	

2.696		0.06	0	0.47	-0.152		0.005	0.156
2.701	0.109	0.055						-0.016
2.694	-0.447	-0.003			-0.134	-0.112	-0.413	0.261
2.7		0.038	0.084	0.476	-0.152		-0.036	0.111
2.706			0.208		-0.171	-0.012		-0.224
2.704			0.05	0.105			-0.055	-0.152
2.695		0.018	0.097			-0.046	-0.111	-0.036
2.695		0.042	-0.246	0.505	0.156	-0.029		0.156
2.698	-0.502		0.217		-0.633		-0.156	
2.698	-0.438				-0.388		-0.099	
2.699		0.021	0.254		-0.247	-0.011		-0.114
2.7	-0.229		-0.004	0.019		-0.085	-0.286	0.106
2.699	0.204						0.185	
2.705		0.015			0.027		-0.057	-0.102
2.711								0.033
2.7	-0.163		0.08			-0.089	-0.302	0.087
2.701		0.018	0.082	0.021		-0.045	-0.106	-0.047
2.7	-0.438				-0.193	-0.087	-0.341	0.175
2.697	0.222	0.034	0.014		0.145		0.011	
2.701		0.044			-0.071	-0.013		-0.029
2.701		0.055			-0.114			0.006
2.706		0.023	-0.058	0.299				0.015
2.705	-0.508		-0.281		-0.302			0.128
2.7	-0.435				-0.486			0.092
2.7	-0.302		0.034		-0.103	-0.083	-0.297	0.109
2.704	-0.548		0.245	0.021	-0.713		-0.162	
2.703			-0.068			-0.016		0.103
2.702		0.021	0.004	0.284			-0.075	0.017
2.698	0.098	0.031	0.063				-0.019	
2.703		0.046	-0.122	0.018		-0.009		0.097
2.7	-0.797		0.074		-0.597	-0.087	-0.42	0.272
2.7	-0.25	0.003			-0.033	-0.083	-0.285	0.116
2.7	-0.216	0.003				-0.084	-0.283	0.113
2.704			-0.003	0.085				-0.177
2.703	0.152	0.033	0.049	0.021	0.038		-0.001	
2.698			0.125		-0.062		-0.045	-0.171
2.7	-0.271				-0.036	-0.087	-0.305	0.124
2.7	-0.19	0.006				-0.077	-0.253	0.097
2.7	-0.236					-0.089	-0.306	0.123
2.7	-0.197	0.005	0.001			-0.079	-0.26	0.098
2.695		0.027	0.051			-0.042	-0.102	0.036
2.695	-0.515	0.059			-0.605		-0.105	0.225
2.688						-0.03		
2.701		0.039	-0.216	0.019	0.126	-0.03		0.149
2.694	-0.298	0.001				-0.115	-0.399	0.26
2.701			0.143	0.019	0.09	-0.088	-0.28	0.044
2.697		0.039	-0.074			-0.027		0.129
2.695					-0.029	-0.019		

2.701								
2.708			-0.081	0.021		-0.016		0.104
2.708			-0.031	0.021				
2.701	-0.035	0.005	0.156	0.02		-0.071	-0.226	
2.702			0.125	0.417	-0.187	-0.02		0.075
2.701		0.054	-0.163	0.018			0.02	0.164
2.7	-0.224		-0.001			-0.084	-0.282	0.099
2.701		0.009	0.175	0.02		-0.069	-0.215	
2.701		0.008	0.188	0.02		-0.074	-0.231	0.019
2.701		0.006	0.153	0.02	0.032	-0.071	-0.22	
2.706		0.034	-0.09	0.454		-0.014		0.123
2.698	-0.191		-0.204			-0.02		
2.701		0.047	-0.086			-0.013		-0.003
2.702	-0.111	0.037	-0.198	0.02		-0.025		0.144
2.701					0.179	-0.097	-0.243	0.18
2.699		0.014			0.041		-0.064	-0.086
2.703			-0.292	0.019	0.29	-0.036		
2.701		0.017	0.084			-0.045	-0.105	-0.054
2.693	0.026					-0.022		
2.706		0.03	-0.053				-0.067	0.138
2.697	-0.046		-0.207		0.148	-0.026		
2.69	0.625	0.061	-0.455	0.811	0.971	-0.064		0.201
2.698	-0.178				-0.143		-0.041	-0.083
2.701	-0.057		0.162	0.02		-0.077	-0.25	
2.701	-0.072		0.176	0.02	-0.028	-0.076	-0.253	
2.701		0.051	-0.036	0.019	-0.078		0.019	
2.698	-0.318				-0.269		-0.124	
2.701	-0.068	0.048	-0.005	0.02	-0.159			
2.696	0.181	0.062					0.063	0.128
2.693	0.185	0.09	-0.035	0.661				0.21
2.701			0.146	0.02	0.072	-0.08	-0.246	
2.701	-0.012	0.052	-0.16	0.018				0.171
2.7	-0.695				-0.423	-0.093	-0.415	0.279
2.699	0.436	0.039	-0.223	0.019	0.616	-0.047		
2.705	-0.001	0.019					-0.046	-0.067
2.704		0.027	0.087	0.021	-0.109		-0.045	
2.699			-0.054			-0.029		0.107
2.695	-0.143	0.007				-0.054	-0.164	
2.705			0.195	0.042	-0.169			-0.219
2.698	-0.183		-0.19			-0.021		
2.7	-0.679				-0.407	-0.094	-0.414	0.278
2.7	0.056	0.053	-0.07	0.019			0.031	
2.701			-0.02					
2.691						-0.027	-0.017	
2.701	0.079	0.058	-0.09	0.018			0.016	0.163
2.702			0.234	0.02		-0.084	-0.277	0.019
2.701			0.148		0.085	-0.088	-0.278	0.038
2.703		0.046	-0.119			-0.009		0.09

2.7		0.012						
2.692		0.079	-0.195	0.687		-0.016		0.263
2.703		0.028				-0.036		0.082
2.701		0.045	-0.024	0.02	-0.06			-0.021
2.698		0.03					-0.145	0.178
2.696		0.045	-0.087	0.529		-0.026		0.131
2.696	0.116	0.062	-0.054	0.504			0.026	0.154
2.703			0.002	0.123				-0.12
2.695		0.037				-0.037	-0.093	0.102
2.701		0.007	0.192			-0.074	-0.233	0.014
2.704			0.364	0.021	-0.396	-0.032		
2.703						-0.04		0.079
2.694		0.063	-0.175	0.586				0.24
2.703			-0.278	0.019	0.253	-0.031		
2.698	-0.107				-0.148			
2.698	-0.044		-0.023				-0.02	-0.103
2.698	-0.024						-0.018	-0.115
2.706	-0.468				-0.53			0.09
2.704	-0.217				-0.191		-0.043	-0.083
2.7		0.015	-0.008	0.019	0.122	-0.062	-0.164	0.047
2.698			0.043		-0.018		-0.018	-0.126
2.698			0.023				-0.015	-0.124
2.693		0.076	-0.181	0.605		-0.014		0.209
2.701	-0.091	0.006	0.068	0.02		-0.063	-0.189	
2.695	0.069	0.064	-0.104	0.568				0.218
2.704			0.116	0.021	-0.093		-0.023	-0.147
2.704			-0.242	0.019	0.17	-0.034		0.133
2.698					0.019		-0.01	-0.121
2.698	-0.046				-0.033			-0.122
2.692			-0.013			-0.022		
2.701	-0.106	0.008	0.077	0.02	-0.036	-0.059	-0.18	
2.704	-0.328		-0.387	0.019			-0.04	0.16
2.698	-0.035		-0.023					-0.118
2.7		0.01			0.16	-0.076	-0.217	0.069
2.698	-0.062		-0.008		-0.045			-0.114
2.7							-0.011	
2.693		0.068	-0.142	0.584		-0.02	-0.019	0.196
2.703			0.059	0.1	-0.06			-0.129
2.7			-0.016	0.019	0.211	-0.081	-0.22	0.03
2.698			0.003		0.011			-0.129
2.696		0.056	-0.156	0.486			0.021	0.161
2.709			-0.081			-0.016		0.104
2.701		0.047			-0.098		0.019	-0.035
2.701	-0.089		0.055	0.02	0.048	-0.071	-0.213	
2.69						-0.023		
2.701			0.033	0.416	-0.126			0.097
2.703			0.004	0.124			-0.017	-0.103
2.701		0.007	0.029	0.019	0.124	-0.066	-0.178	

2.704			0.059	0.021	-0.049			-0.151
2.702			0.234			-0.084	-0.275	0.015
2.704			0.167	0.078	-0.133		-0.039	-0.14
2.708		0.036			-0.096	-0.014		0.111
2.704			0.122		-0.098		-0.023	-0.152
2.704			0.166	0.021	-0.134		-0.035	-0.149
2.701		0.041	0.133	0.479	-0.226			0.091
2.701	-0.068	0.047			-0.16			-0.008
2.701	0.101	0.045					0.043	-0.076
2.696	0.052	0.057	-0.094	0.493				0.164
2.694		0.085	-0.033	0.596	-0.175			0.205
2.701	0.025	0.044	-0.06	0.019				-0.022
2.701						-0.043		0.084
2.698		0.025	0.082		-0.083		-0.053	
2.704			0.012	0.021			-0.006	-0.138
2.7					0.213	-0.087	-0.25	0.052
2.704	0.018		0.028	0.021				-0.147
2.693		0.073	-0.192	0.601	0.021	-0.016		0.204
2.704	-0.015		0.182	0.021	-0.157		-0.042	-0.152
2.704	-0.048		0.064	0.021	-0.109			-0.139
2.704			0.169		-0.137		-0.035	-0.154
2.702		0.04	-0.087	0.02		-0.027		0.13
2.703	0.01		0.003	0.119				-0.112
2.704			0.067		-0.056			-0.156
2.698			0.134		-0.095		-0.041	-0.128
2.693	0.002	0.072	-0.166	0.594		-0.015		0.198
2.701		0.039	-0.217		0.127	-0.031		0.149
2.705	-0.016		0.186		-0.16		-0.041	-0.157
2.701		0.054	-0.163				0.02	0.164
2.704	-0.059				-0.053			-0.131
2.7		0.009			0.15	-0.07	-0.186	0.031
2.704	-0.044		0.072		-0.111			-0.145
2.699			-0.054			-0.031		0.105
2.704	0.024		0.036					-0.154
2.701		0.048	-0.103	0.019			0.004	
2.701		0.048	-0.102	0.019			0.006	-0.003
2.704			0.014				-0.006	-0.142
2.7	-0.448				-0.519			0.104
2.701		0.048	-0.099	0.019				-0.001
2.701	0.072		-0.022	0.44				0.102
2.697		0.039	-0.073	0.434		-0.023		0.093
2.705	-0.323		-0.403	0.019				0.141
2.704	-0.011						-0.005	-0.136
2.702	-0.115	0.037	-0.202			-0.025		0.144
2.702		0.036			-0.083	-0.013		0.112
2.706		0.033	0.168	0.022	-0.218	-0.016		
2.701		0.044	-0.02		-0.061			-0.029
2.698	-0.351		-0.1		-0.218		-0.065	

2.704					0.009		-0.001	-0.139
2.704	0.025		0.035	0.02			-0.014	-0.134
2.696	-0.048	0.042	-0.135	0.488		-0.024		0.138
2.707	0.044	0.028				-0.01		-0.045
2.7		0.015	-0.003		0.119	-0.062	-0.163	0.04
2.7	-0.236				-0.283	-0.02		0.093
2.699					-0.051	-0.029		0.099
2.701	-0.015	0.052	-0.163					0.171
2.695					-0.042			
2.698			0.261	0.434		-0.113	-0.375	0.219
2.7			-0.011		0.205	-0.08	-0.217	0.024
2.696			-0.025	0.02		-0.022		
2.703	0.092		0.109	0.093			-0.021	-0.143
2.704	-0.297		-0.385	0.019				0.146
2.704	0.031		0.043				-0.013	-0.141
2.7		0.035	-0.053	0.512			-0.065	0.138
2.695	-0.703	0.047	0.174		-0.899		-0.162	0.211
2.698			0.369		-0.388	-0.031		
2.701	0.077	0.058	-0.091				0.015	0.163
2.698	0.069		0.102				-0.03	-0.138
2.704	0.13		0.14	0.079				-0.172
2.704	0.097		0.155	0.072	-0.049			-0.169
2.704	-0.17		-0.197	0.02		-0.021		
2.697	0.341	0.044	-0.107		0.366	-0.043		0.142
2.699			0.211		-0.165	-0.012		-0.209
2.704	0.107		0.129	0.021			-0.015	-0.169
2.704	-0.331		-0.39				-0.04	0.16
2.698	0.044		0.146		-0.057		-0.035	-0.148
2.694		0.03			0.113	-0.08	-0.241	0.232
2.695					-0.042			
2.704	0.105		0.164	0.021	-0.045			-0.184
2.704	-0.169		-0.186	0.02		-0.023		
2.709		0.013	-0.023	0.021		-0.005		-0.071
2.701	0.025	0.043	-0.056					-0.03
2.703		0.014	-0.012			-0.006		-0.065
2.705			0.222	0.021	-0.21	-0.01		-0.166
2.704			-0.242		0.17	-0.035		0.133
2.702	0.082		0.015	0.446	-0.017			0.089
2.702	0.09		0.006	0.449				0.09
2.701		0.021	0.065	0.02		-0.046	-0.113	0.013
2.705			-0.067	0.02		-0.03		0.107
2.704	0.109		0.132				-0.014	-0.175
2.695		0.035	0.097			-0.074	-0.235	0.226
2.699	-0.02	0.018					-0.059	-0.043
2.705	0.102		0.168		-0.05			-0.188
2.705			0.225		-0.211	-0.01		-0.171
2.701	0.284	0.051					0.263	
2.698	0.429		-0.256		0.667	-0.05		

2.698	-1.146		0.278		-1.297		-0.306	0.218
2.698	-0.38				-0.331		-0.084	
2.697	0.07	0.04				-0.03		0.12
2.704	-0.393		-0.053	0.021	-0.31		-0.076	
2.701		0.047	-0.098				0.005	-0.01
2.698	-0.22		-0.212				-0.041	
2.697		0.038			-0.069	-0.027		0.118
2.701		0.047	-0.095					-0.009
2.698	-1.041				-0.962		-0.228	0.212
2.703								0.049
2.706			-0.015	0.166		-0.005		-0.079
2.709		0.012	-0.02			-0.005		-0.078
2.705			-0.06	0.02		-0.032		0.1
2.702		0.036	0.387		-0.512		0.089	
2.705	-0.325		-0.406					0.142
2.698			0.254	0.448		-0.11	-0.353	0.203
2.698	0.122		0.132		0.01			-0.168
2.694		0.079	-0.229	0.704		-0.014		0.362
2.705			0.251	0.057	-0.231	-0.01		-0.173
2.699	0.05					-0.033		0.1
2.697	0.092	0.041			0.021	-0.032		0.12
2.696		0.027				-0.02		-0.113
2.701			-0.111	0.46				0.124
2.702		0.039	-0.086			-0.027		0.13
2.693	0.035							
2.704	-0.299		-0.387					0.146
2.692		0.088	-0.236	0.728				0.298
2.703	-0.096		-0.176	0.019	0.053	-0.023		
2.703			0.104	0.41	-0.18			0.075
2.701		0.02	0.069			-0.046	-0.113	0.005
2.699		0.023					-0.106	0.142
2.699	-0.287	0.014	-0.103	0.017		-0.09	-0.308	0.252
2.709	0.196		0.166	0.022				
2.699			0.198		-0.182	-0.01		-0.148
2.705			0.208	0.052	-0.203			-0.165
2.706	-0.472				-0.551			0.099
2.692		0.087	-0.247	0.718			0.029	0.279
2.697	0.808				0.889	-0.056		-0.308
2.699		0.023					-0.104	0.141
2.706	-0.301				-0.361	-0.016		0.09
2.698	-0.186		-0.18				-0.042	
2.693	0.06		0.025					
2.7	-0.453		-0.004	0.018	-0.175	-0.103	-0.384	0.25
2.7	-0.462		-0.042	0.018	-0.153	-0.102	-0.377	0.253
2.7					-0.049	-0.032		0.096
2.705			-0.067			-0.03		0.107
2.694			-0.048				0.021	
2.7	-0.442	0	-0.026	0.018	-0.143	-0.104	-0.384	0.253

2.693	0.036							
2.694	-0.209	0.01				-0.095	-0.294	0.221
2.704		0.017	0.344	0.021	-0.402			
2.694		0.067	-0.18	0.612			-0.025	0.286
2.693	0.038	0.079	-0.18	0.612			0.04	0.191
2.697	0.247	0.043			0.172	-0.038		0.123
2.7						-0.045		0.074
2.694		0.026	-0.22	0.555	0.341	-0.089	-0.232	0.238
2.692			-0.027					
2.7		0.02				-0.057		0.084
2.701			0.098	0.159		-0.045	-0.103	-0.079
2.695	-0.138	0.076			-0.326			0.196
2.702	0.178	0.061					0.025	0.15
2.697	-0.273	0.033	-0.255		-0.105			0.146
2.703			0.03	0.132			-0.065	-0.075
2.701			0.131	0.197		-0.056	-0.14	-0.034
2.698	-0.213		-0.244					
2.693		0.079	-0.207	0.61			0.013	0.21
2.695		0.028	-0.22		0.197	-0.028		
2.692			-0.029					
2.693		0.078	-0.179	0.6	-0.03		0.029	0.195
2.701			-0.101	0.411		-0.015		0.13
2.698	0.066		0.018	0.02				
2.694		0.021	-0.193		0.332	-0.092	-0.237	0.236
2.705			-0.06			-0.032		0.1
2.699	-0.379		-0.121	0.017		-0.107	-0.377	0.27
2.699	-0.34		-0.071	0.017		-0.11	-0.39	0.269
2.698	-0.236		-0.237		-0.026			
2.698	-0.103		-0.084				-0.087	
2.695		0.029						0.073
2.7	0.044					-0.035		0.094
2.704	-1.159		0.305	0.02	-1.346		-0.303	0.209
2.697	-0.175	0.036	-0.285				0.024	0.144
2.7		0.032	0.176		-0.212	-0.015		
2.699	-0.325	0.005	-0.085	0.018		-0.103	-0.352	0.253
2.701	0.799	0.066			0.457		0.302	
2.695	0.503	0.037			0.414		0.125	-0.228
2.699	-0.325	0.005	-0.089	0.018		-0.102	-0.348	0.252
2.694		0.029	-0.141		0.22	-0.073	-0.187	0.221
2.699			-0.06	0.02			0.021	
2.702	0.486	0.036			0.386		0.126	-0.238
2.695	0.403	0.04			0.37	-0.042		
2.702			0.126	0.021		-0.049	-0.117	-0.104
2.708	-0.253		0.519	0.022	-0.815			
2.699	0.161	0.037	0.112	0.36		-0.024		0.008
2.695	-0.205	0.07	-0.059		-0.321			0.195
2.699	-0.353		-0.088	0.018		-0.109	-0.377	0.261
2.694		0.017	-0.098		0.271	-0.098	-0.273	0.235

2.704	-1.177		0.31		-1.368		-0.307	0.21
2.698	-0.252		-0.192		-0.086			
2.699	-0.292	0.013	-0.105			-0.091	-0.311	0.254
2.696	-0.194	0.033	-0.285					0.151
2.7	-0.489	-0.003			-0.198	-0.106	-0.401	0.255
2.7	-0.49				-0.22	-0.1	-0.378	0.247
2.696	0.488				0.581	-0.049		-0.251
2.696			0.132			-0.048	-0.116	-0.094
2.7	-0.458		0		-0.183	-0.103	-0.385	0.25
2.694		0.058	-0.101			-0.028	-0.039	0.191
2.698	-0.019				0.009		-0.065	-0.057
2.701								
2.695		0.077			-0.187	-0.006		0.197
2.698			-0.023			-0.024		
2.692	-0.028	0.082	-0.246	0.698				0.281
2.705					-0.064	-0.029		0.098
2.7	-0.467		-0.043		-0.157	-0.102	-0.378	0.253
2.699	-0.208	0.014				-0.099	-0.339	0.255
2.703	0.283	0.044	-0.064	0.02	0.255	-0.039		0.133
2.702	0.488				0.574	-0.049		-0.264
2.695	-0.271	0.07			-0.447	0.005		0.187
2.7	-0.455	-0.001	-0.024		-0.152	-0.105	-0.39	0.255
2.696		0.03					-0.052	-0.079
2.695	-0.574	0.046			-0.629		-0.115	0.209
2.702			0.126			-0.048	-0.116	-0.109
2.7	-0.476	-0.002			-0.191	-0.105	-0.395	0.252
2.699		0.051				-0.057	-0.177	0.235
2.704	-0.201		-0.207	0.02			-0.041	
2.697			-0.041	0.02				
2.697			-0.04	0.02				
2.687								
2.695		0.079			-0.188		-0.014	0.206
2.698		0.016	0.348		-0.393			
2.694	-0.069	0.073	-0.154	0.571	-0.098			0.2
2.697		0.028						0.073
2.695		0.08	0.036		-0.234			0.197
2.703	0.755				0.823	-0.052		-0.311
2.688							-0.006	
2.695		0.014			0.212	-0.106	-0.31	0.233
2.702		0.026				-0.026	-0.029	-0.045
2.692		0.078	-0.219	0.671	0.015			0.254
2.701		0.033				-0.036	-0.085	0.067
2.695		0.027				-0.024	-0.022	-0.027
2.702	0.131	0.025	0.131	0.022		-0.021		-0.136
2.694		0.032						0.076
2.699	-0.342		-0.072			-0.11	-0.391	0.27
2.699	-0.38		-0.121			-0.107	-0.378	0.271
2.703		0.039			-0.082	-0.026		0.116

2.702	0.193		0.175					
2.701	-0.728	0.045	0.199	0.019	-0.953		-0.164	0.203
2.697			0.109			-0.07	-0.161	0.14
2.705		0.018	-0.014	0.226				-0.12
2.699	-0.33	0.004	-0.086			-0.104	-0.356	0.255
2.7	0.04	0.029				-0.009		-0.021
2.697		0.042	-0.259		0.118		0.055	0.133
2.699	-0.331	0.004	-0.091			-0.103	-0.352	0.254
2.7	-0.292					-0.118	-0.42	0.275
2.699	-0.043				-0.062	-0.024		
2.703	0.084	0.04				-0.031		0.118
2.703	0.027	0.04			-0.056	-0.028		0.117
2.699	-0.028				-0.044	-0.025		
2.688							-0.004	
2.699					-0.018	-0.026		
2.702		0.024				-0.021		-0.133
2.699	0.017					-0.027		
2.702	0.193	0.061					0.068	0.121
2.699	-0.355		-0.089			-0.109	-0.377	0.262
2.7	-0.51	0.058			-0.611		-0.102	0.219
2.704	-1.044				-0.978		-0.221	0.204
2.706					-0.057	-0.032		0.091
2.705		0.018				-0.082		0.102
2.703	-0.28	0.033	-0.204	0.02	-0.173			0.137
2.707		0.013	0.016	0.022		-0.012		-0.179
2.704			-0.032	0.02		-0.025		
2.694		0.068	-0.164			-0.015		0.202
2.709	-0.284	0.022	0.497	0.023	-0.832			
2.698	0.467		-0.15		0.611	-0.051		
2.701		0.04			-0.242		0.23	
2.704	-0.174		-0.182	0.02			-0.038	
2.703	0.13	0.025	0.133			-0.021		-0.142
2.694		0.066	-0.147		-0.01	-0.016		0.195
2.694	-0.006	0.067	-0.166			-0.016		0.2
2.707	0.177	0.041					0.124	
2.702		0.025	-0.013	0.021		-0.02		-0.082
2.704	-0.263		-0.202	0.02	-0.1			
2.695	0.139	0.037			0.093	-0.022		
2.698	0.15	0.047	0.064	0.55		-0.028		0.111
2.703	0.368		-0.208	0.019	0.545	-0.046		
2.705	0.063					-0.033		0.098
2.696	0.157	0.038	0.026		0.081	-0.022		
2.699	-0.101		-0.129				-0.098	0.165
2.696	0.087	0.038	0.035			-0.018		
2.696	0.224	0.035			0.185	-0.026		-0.014
2.695	0.058	0.039				-0.017		0.019
2.697	0.392		-0.154		0.594	-0.043		-0.196
2.696	0.105	0.04	0.047			-0.018		0.006

2.701		0.03	-0.185	0.02	0.147	-0.027		
2.701	-0.749	0.045	0.205		-0.976		-0.168	0.205
2.707	-0.322		0.139	0.021	-0.431		-0.136	0.117
2.705							0.02	
2.707		0.012	0.019			-0.012		-0.186
2.696	0.004	0.026				-0.02		-0.07
2.696		0.025	-0.003			-0.021		-0.071
2.696		0.024			0.003	-0.021		-0.084
2.704	-0.275		-0.169	0.02	-0.144			
2.704	-0.2		-0.241	0.02				
2.704	0.114				0.123		-0.03	-0.112
2.696	0.272	0.029			0.26	-0.031		-0.052
2.699		0.033	-0.058	0.341				0.001
2.695		0.04			-0.066	-0.014		0.031
2.709		0.029	0.552	0.023	-0.618			
2.699			-0.175		0.095			0.12
2.7	-0.266	0.003				-0.111	-0.377	0.251
2.696	0.316	0.029	-0.003		0.306	-0.033		-0.052
2.698			-0.073		0.07		-0.058	
2.703	0.28	0.044	-0.063		0.252	-0.039		0.132
2.702	0.013	0.025				-0.02		-0.086
2.707		0.019			-0.013	-0.009		-0.118
2.708			0.4	0.022	-0.434			
2.708						-0.039		0.07
2.695	0.204	0.031	-0.096		0.272	-0.032		
2.695		0.037	-0.058			-0.017		0.031
2.706	0.051					-0.036		0.089
2.696		0.037	0.028		-0.081	-0.013		
2.696		0.045	0.073		-0.151	-0.01		0.032
2.698	-0.019						-0.085	
2.702	-0.127	0.038	-0.256	0.02			0.031	0.137
2.697		0.042	-0.128				0.046	0.117
2.698			-0.204		0.184		-0.02	
2.702		0.024	-0.011			-0.02		-0.088
2.7						-0.016		
2.695	-0.402	0.052			-0.48		-0.104	0.214
2.699	0.471				0.252		0.185	
2.704	-0.09		-0.084	0.019			-0.083	
2.7			-0.064				-0.015	0.109
2.7	0.191				0.134	-0.036		0.101
2.702		0.024			-0.007	-0.02		-0.098
2.701	-0.264		0.098		-0.328		-0.13	0.123
2.698			-0.231		0.192			
2.703			0.103	0.02		-0.072	-0.164	0.137
2.699	0.226		-0.056		0.222	-0.039		0.109
2.7			-0.074					0.104
2.698	0.152	0.041	0.079			-0.03		0.109
2.703	0.222	0.043			0.135	-0.036		0.121

2.71			-0.006	0.022				
2.7	0.127				0.062	-0.031		0.105
2.704	0.149	0.042	0.063	0.021		-0.03		0.11
2.699			-0.222		0.141		-0.003	0.126
2.699			-0.229		0.147			0.125
2.701	-0.151				-0.133		-0.12	0.137
2.7	-0.22		-0.286	0.412		-0.024		0.136
2.698					0.002		-0.067	
2.698			-0.003				-0.061	
2.695			-0.067		0.336	-0.124	-0.372	0.261
2.696	0.134	0.025	0.146			-0.021		-0.129
2.7	0.082		0.011			-0.027		0.106
2.696	-0.162	0.036	0.148		-0.345		-0.04	
2.7	0.075					-0.025		0.11
2.703	-0.288	0.033	-0.206		-0.178			0.137
2.706			0.028	0.114		-0.012		-0.198
2.706						-0.048		0.066
2.707	-0.328		0.141		-0.438		-0.137	0.117
2.695					0.28	-0.126	-0.387	0.261
2.702	-0.158	0.035	-0.262	0.019				0.147
2.698			-0.113		0.1		-0.032	
2.696	-0.072	0.047	0.09		-0.256			0.046
2.695			-0.049		0.315	-0.122	-0.365	0.255
2.698	-0.226	0.033			-0.301			0.11
2.7		0.033	0.09	0.018		-0.074	-0.231	0.218
2.699	0.181				0.155	-0.033		
2.702	-0.233		0.52		-0.782			
2.7	0.124		0.069			-0.03		0.09
2.695	0.176	0.076				-0.017		0.191
2.7					-0.052		-0.027	0.104
2.707			0.379	0.022	-0.483		0.061	
2.696		0.042	0.166		-0.227		-0.02	
2.697		0.048	-0.144	0.532			0.051	0.118
2.696		0.046	0.106		-0.194			0.027
2.7			0.041		-0.119	-0.02		0.106
2.7					-0.05		-0.047	0.12
2.698		0.04	-0.11	0.406			0.038	0.061
2.696	-0.124	0.046			-0.22			0.067
2.695	-0.052	0.029	-0.079			-0.022		
2.699	-0.254				-0.29			
2.697		0.037	-0.175		0.079			0.138
2.698			-0.235				0.237	
2.696		0.046	-0.234	0.509	0.087		0.052	0.132
2.7	0.125	0.03	0.089	0.277				-0.076
2.7			-0.049				-0.055	0.131
2.703		0.043	-0.202	0.02	0.054		0.052	0.124
2.696	-0.032	0.042	0.115		-0.22			
2.696		0.044	0.067		-0.147		-0.002	0.023

2.699			-0.282	0.458	0.214	-0.034		0.139
2.7			-0.069				-0.024	0.119
2.7					-0.071			0.094
2.7					-0.085	-0.019		0.115
2.703		0.042	-0.143	0.02			0.048	0.117
2.703			-0.074	0.479		-0.018		0.101
2.704						-0.042		0.079
2.702	-0.132	0.038	-0.26				0.03	0.137
2.703			0.103			-0.072	-0.164	0.138
2.701		0.013	0.027			-0.012		-0.17
2.705						-0.076		0.096
2.7			-0.057		-0.001		-0.047	0.13
2.709								0.039
2.702	0.123	0.035	0.073	0.02		-0.019		-0.029
2.695		0.027	-0.11		0.086	-0.023		-0.001
2.703	0.33		-0.103	0.02	0.472	-0.038		-0.205
2.702	0.258	0.028	0.04	0.02	0.197	-0.029		-0.066
2.706	0.121		0.054	0.02		-0.03		0.09
2.695		0.07	-0.137		-0.056		0.027	0.187
2.694		0.044			-0.028	-0.043	-0.081	0.172
2.701	-0.026	0.031	-0.067	0.02		-0.022		
2.701	0.097	0.038	0.036	0.02		-0.019		
2.702	0.093	0.039	0.062	0.02	-0.034	-0.017		
2.695	-0.184	0.026	-0.073	0.428		-0.072	-0.235	0.227
2.697	-0.049	0.044	-0.183	0.494			0.04	0.127
2.704		0.027					-0.148	0.17
2.702	-0.215	0.035	0.175	0.02	-0.427		-0.049	
2.696		0.044			-0.09		0.003	0.042
2.706	0.096		0.019	0.02		-0.029		0.099
2.702		0.026					-0.045	-0.11
2.705	0.163		-0.009	0.02	0.102	-0.034		0.099
2.706			-0.081	0.02				0.099
2.702		0.038	0.066	0.02	-0.133	-0.012		
2.703	0.326		-0.098		0.464	-0.037		-0.21
2.701	-0.222	0.068	-0.026	0.019	-0.375			0.184
2.704	0.149	0.042	0.063			-0.03		0.11
2.707			0.528	0.022	-0.582			
2.705			-0.078	0.02			-0.014	0.109
2.702		0.041	0.104	0.02	-0.179	-0.01		0.001
2.704	0.403		-0.113	0.019	0.495	-0.047		
2.699	0.044		0.001			-0.02		
2.7					-0.057		-0.042	0.118
2.702		-0.008						
2.695	0.037	0.073	-0.152					0.208
2.7			0.036		-0.065		-0.058	0.11
2.705			-0.114	0.02	0.024			0.109
2.702	-0.162	0.034	-0.265					0.147
2.707	-0.174				-0.168		-0.121	0.135

2.695		0.071	-0.189				0.007	0.207
2.696		0.043	-0.224	0.543	0.114			0.146
2.697	-0.103	0.041	-0.207	0.506				0.142
2.696	-0.069	0.036			-0.129		-0.003	
2.704			-0.057	0.02	0.042		-0.056	
2.706			0.061	0.02	-0.144	-0.021		0.097
2.7		0.033	0.091			-0.075	-0.233	0.219
2.703			-0.249	0.02			0.238	
2.698	-0.031	0.035	-0.109	0.388				0.067
2.696	0.019	0.027	0.004			-0.021		-0.036
2.694	-0.006	0.07	-0.196				0.015	0.202
2.694			-0.221		0.444	-0.114	-0.304	0.246
2.698		0.035	-0.088	0.381	0.012			0.057
2.704	-0.257	0.033			-0.343			0.108
2.703			0.006					
2.696	-0.238	0.016	-0.057	0.448		-0.088	-0.288	0.228
2.702	0.124	0.034	0.077			-0.019		-0.037
2.704			-0.016	0.02			-0.056	
2.704			-0.159	0.02	0.131		-0.026	
2.702	0.254	0.028	0.046		0.191	-0.029		-0.073
2.7	-0.024		-0.037				-0.084	0.13
2.702			0.41		-0.43			
2.702	0.214	0.028			0.191	-0.028		-0.055
2.698	-0.252	0.032			-0.308		-0.025	0.115
2.703	-0.003							
2.701	0.162	0.031	-0.065	0.02	0.186	-0.029		
2.703					0.002			
2.7		0.03			0.09	-0.076	-0.224	0.222
2.705		0.022					-0.12	0.144
2.7		0.054	-0.096	0.018		-0.031	-0.048	0.186
2.702		0.043	0.202	0.02	-0.274		-0.023	
2.701		0.032	-0.052	0.02		-0.019		0.003
2.701			0.39		-0.477		0.058	
2.705	-0.074		-0.116	0.019			-0.087	0.153
2.701		0.079	0.077	0.019	-0.282			0.187
2.701		0.019			-0.004	-0.009		-0.103
2.702	0.287	0.029			0.263	-0.031		-0.056
2.705			-0.179	0.02	0.089			0.115
2.709		0.034	-0.096	0.021		-0.016		0.121
2.696								0.072
2.703		0.042	-0.203		0.055		0.052	0.124
2.705			-0.158	0.02	0.071		-0.007	0.116
2.701	0.053	0.034				-0.018		-0.009
2.702	-0.073	0.044	0.122	0.02	-0.285			0.015
2.702	0.08	0.027	0.058	0.021		-0.021		-0.061
2.695		0.026	0.123			-0.057	-0.187	
2.706	0.122		0.054			-0.03		0.09
2.699			-0.024		-0.025	-0.016		

2.702	-0.051	0.043	0.14	0.02	-0.275			
2.705	-0.184		0.125	0.021	-0.26		-0.113	
2.702		0.04	0.109		-0.18	-0.01		-0.007
2.706	0.165				0.095	-0.033		0.099
2.704			-0.202	0.02	0.152			
2.698		0.039			-0.103		0.022	0.106
2.695	-0.101	0.02	-0.101	0.457	0.145	-0.085	-0.251	0.225
2.704			-0.08	0.02	0.058		-0.035	
2.702		0.043	0.152	0.02	-0.238			-0.003
2.699		0.023	-0.163	0.018	0.269	-0.084	-0.213	0.221
2.703		0.042	-0.142				0.048	0.117
2.696	0.085	0.041					0.016	0.006
2.7	0.038						-0.048	0.112
2.696	0.093	0.041	0.009				0.016	
2.695		0.03	-0.116	0.484	0.188	-0.07	-0.185	0.212
2.694		0.027	-0.152	0.54	0.255	-0.083	-0.221	0.255
2.696	0.108	0.042	0.023				0.015	0.001
2.703		0.033	-0.082			-0.016		0.12
2.706			-0.082	0.02			-0.016	0.111
2.706	0.094		0.018			-0.029		0.1
2.701		0.035			-0.059	-0.015		0
2.706	0.123				0.048	-0.031		0.101
2.7	0.036						-0.055	0.117
2.706			-0.081					0.1
2.7		0.018	-0.053	0.018	0.205	-0.093	-0.26	0.222
2.697	-0.097	0.04	-0.188	0.481	-0.011			0.14
2.699	-0.116		0.081		-0.144		-0.103	
2.703		0.038	-0.122	0.02	0.015			0.129
2.706	0.082					-0.026		0.105
2.706	0.161		-0.007		0.097	-0.034		0.099
2.696		0.037	0.061	0.464		-0.064	-0.196	0.208
2.705			-0.078				-0.014	0.109
2.701	-0.171	0.072			-0.361			0.188
2.706		0.016				-0.06		0.075
2.696	0.075	0.04	0.001					0.011
2.7	-0.109		0.07		-0.274			0.105
2.706			0.048	0.02	-0.096		-0.048	0.103
2.695		0.024	-0.105	0.484	0.224	-0.083	-0.226	0.219
2.705			-0.11		0.021			0.109
2.707			0.162	0.021	-0.227	-0.02		0.072
2.701	-0.595	0.044			-0.656		-0.113	0.203
2.702		0.04	0.1	0.02	-0.179		0.001	-0.008
2.708			-0.147	0.022			0.153	
2.699		0.03	-0.114	0.018	0.166	-0.068	-0.167	0.207
2.706			0.06		-0.144	-0.021		0.098
2.702		0.026	-0.039	0.02	0.008	-0.021		-0.028
2.694		0.047				-0.039	-0.117	0.088
2.702	-0.265	0.02	0.49		-0.791			

2.703								0.06
2.706		0.035			-0.102		0.056	
2.703	0.168	0.026	0.136	0.022			0.034	-0.174
2.701	-0.275	0.069			-0.459	0.005		0.183
2.695	-0.252	0.015	-0.063	0.461		-0.092	-0.306	0.263
2.706					-0.067		-0.023	0.101
2.695	0.9	0.031			0.94	-0.06		-0.22
2.705		0.02					-0.109	0.135
2.705			-0.057	0.02			-0.056	0.128
2.701	-0.227	0.068	-0.022		-0.384			0.184
2.701		0.031	-0.048			-0.018		-0.005
2.7	-0.195	0.009				-0.095	-0.287	0.213
2.702	0.084	0.026	0.065			-0.021		-0.069
2.695		0.039	-0.08				0.008	0.029
2.706			-0.031	0.02	-0.038		-0.04	0.118
2.705	0.056		0.004	0.02		-0.022		
2.708	-0.194		0.409	0.022	-0.671		0.023	
2.702	-0.072	0.043	0.126		-0.284			0.007
2.708	-0.356		0.433	0.023	-0.831			
2.696	-0.235	0.015	-0.058	0.421		-0.086	-0.283	0.227
2.696	-0.225	0.058	0.006		-0.376			0.167
2.696	-0.229	0.058			-0.374	0		0.168
2.704	-0.302	0.031			-0.366		-0.03	0.115
2.701			0.168		-0.22	-0.019		0.073
2.7	-0.047				-0.146			0.114
2.7			0.042		-0.131			0.102
2.7			-0.096			-0.019		0.133
2.702	0.17	0.023	0.048	0.021	0.112			-0.149
2.706					-0.079			0.089
2.708	-0.261		0.451	0.022	-0.754	-0.005		
2.7			-0.05	0.449		-0.031		0.095
2.705	-0.076		-0.118				-0.087	0.153
2.702		0.043	0.157		-0.24			-0.011
2.702		0.027	0.542		-0.593			
2.7	0.033	0.033				-0.023		
2.708	-0.267		0.445	0.023	-0.758			
2.696	-0.2	0.062	0.069		-0.423	0.003		0.165
2.698	-0.796				-0.73		-0.248	0.232
2.705			-0.177		0.087			0.115
2.706					-0.094	-0.019		0.11
2.705			-0.159		0.071		-0.006	0.116
2.695		0.024			0.11	-0.056	-0.162	
2.706					-0.061		-0.044	0.115
2.692		0.033				-0.028		
2.703	0.167	0.026	0.138				0.034	-0.18
2.708			0.35	0.022	-0.369	-0.027		
2.701	-0.384		-0.284	0.377	-0.176			0.13
2.7		0.033			-0.033	-0.02		

2.7	0.066							0.09
2.702		0.039	0.104		-0.179		0	-0.016
2.706	-0.135		0.104	0.02	-0.341			0.095
2.702		0.025	-0.042	0.021			0.025	-0.102
2.709		0.033	-0.096			-0.016		0.121
2.702		0.026	-0.031		0.004	-0.02		-0.035
2.702					-0.125		0.13	
2.7		0.064	-0.122	0.018	-0.038	-0.016		0.185
2.7	-0.286		-0.34	0.405			-0.04	0.153
2.702	0.045	0.026					0.034	-0.122
2.702	0.075	0.023	0.062	0.021				-0.132
2.706	-0.015		-0.048	0.02			-0.076	0.127
2.698		0.03						0.066
2.696	0.15	0.023			0.146			-0.125
2.706			-0.082				-0.016	0.112
2.708			0.31	0.022	-0.404		0.053	
2.7	0.188	0.036	0.114	0.311			0.029	-0.041
2.694	0.253	0.013			0.441	-0.087	-0.211	
2.707			0.164		-0.228	-0.02		0.072
2.706			0.05		-0.099		-0.047	0.103
2.701		0.074			-0.189	-0.007		0.189
2.695	0.212	0.082					0.015	0.193
2.702	0.167	0.022	0.052		0.107			-0.156
2.7		0.054	-0.095			-0.032	-0.049	0.186
2.7							-0.092	0.125
2.701			0.528		-0.567			
2.696	0.208	0.023	0.018		0.19			-0.141
2.699	-0.726				-0.672		-0.132	0.139
2.701		0.079	0.08		-0.284			0.186
2.696	0.031	0.026					0.028	-0.104
2.7	-0.286		-0.359	0.413				0.133
2.7	0.041						-0.06	0.122
2.7	0.009	0.065	-0.154	0.018		-0.017		0.191
2.702	0.136	0.023			0.122			-0.136
2.7		0.065	-0.165	0.018		-0.017		0.194
2.7			-0.063	0.44		-0.029		0.105
2.7		0.028						0.067
2.705			-0.007	0.02	-0.051	-0.017		
2.696		0.026	-0.031				0.024	-0.091
2.7		0.018	-0.052		0.207	-0.094	-0.262	0.222
2.696		0.032				-0.027	-0.019	
2.696	-0.367		-0.114	0.403		-0.105	-0.367	0.263
2.705			-0.057				-0.056	0.128
2.696	-0.3		-0.141	0.427	0.092	-0.108	-0.36	0.261
2.703		0.038	-0.119		0.013			0.129
2.7		0.016			0.177	-0.099	-0.286	0.223
2.699		0.023	-0.162		0.269	-0.085	-0.214	0.221
2.702	-0.128	0.041			-0.219			0.039

2.702		0.023	-0.008	0.021	-0.012			-0.104
2.702			-0.139				0.157	
2.706			-0.032		-0.038		-0.04	0.119
2.696	-0.327		-0.061	0.409		-0.108	-0.376	0.256
2.7	0.168	0.033	0.068	0.319	0.043			-0.019
2.703	0.079	0.022	0.069					-0.141
2.7		0.077			-0.197		-0.008	0.197
2.697	-0.333		-0.082	0.381		-0.102	-0.352	0.231
2.702		0.025	-0.038				0.025	-0.109
2.696		0.023	-0.066		0.052			-0.081
2.699		0.03	-0.115		0.167	-0.068	-0.167	0.207
2.707			0.318	0.022	-0.428	-0.004	0.067	
2.706					-0.071		-0.033	0.11
2.696		0.02	0.155			-0.084	-0.244	0.186
2.699		0.03						0.066
2.706			0.07	0.02	-0.163			0.091
2.707			0.296	0.022	-0.416		0.076	
2.696		0.024			-0.019		0.015	-0.103
2.702		0.024			-0.031		0.019	-0.118
2.698		0.032	-0.018			-0.021		
2.7	0.053		-0.042					0.113
2.704		0.04			-0.12		0.027	0.103
2.7	-0.276		-0.36	0.418				0.141
2.696	0.01	0.023	0.001					-0.095
2.699	0.021		-0.053		0.013			
2.706	-0.142		0.107		-0.35			0.095
2.698	0.118	0.042					0.034	0.103
2.694		0.052	-0.059	0.557		-0.04	-0.087	0.233
2.697	0.631		-0.052		0.765	-0.057		-0.189
2.695	0.36	0.06			0.269	-0.026		
2.696		0.058	-0.025		-0.109	-0.014		0.166
2.702	0.13						0.131	
2.702	0.14	0.038	0.054	0.02			0.025	-0.04
2.701	0.218					0.036	0.158	
2.702		0.022	-0.002		-0.015			-0.111
2.706	-0.016		-0.048				-0.077	0.127
2.694		0.033				-0.023		
2.694		0.032				-0.023		
2.702		0.039			-0.089		0.009	0.009
2.697	0.525				0.604	-0.051		-0.193
2.701	-0.257	0.047			-0.343		-0.07	0.144
2.695	-0.03	0.036				-0.035	-0.1	
2.697	-0.306		-0.041	0.387		-0.107	-0.378	0.258
2.705	-0.759				-0.716		-0.134	0.138
2.696	-0.318		-0.054	0.397		-0.107	-0.375	0.26
2.697	-0.311		-0.048	0.39	-0.001	-0.106	-0.372	0.253
2.702	0.105	0.041	0.008	0.02			0.02	
2.697	-0.414		-0.052	0.361	-0.106	-0.1	-0.37	0.256

2.694	-0.618	0.024			-0.462	-0.066	-0.312	0.267
2.703		0.038	-0.091	0.547		-0.018		0.121
2.694		0.006			0.226	-0.089	-0.261	0.047
2.695	-0.022	0.052	-0.143			-0.019		0.172
2.701		0.025	0.119	0.019		-0.059	-0.191	
2.696	-0.358		-0.081	0.4	-0.019	-0.106	-0.372	0.27
2.696	-0.353		-0.096	0.406		-0.106	-0.373	0.276
2.702		0.033	-0.029	0.02		-0.021		
2.695					0.254	-0.096	-0.294	0.052
2.708		0.016	0.338	0.022	-0.38			
2.695	0.145				0.389	-0.095	-0.262	
2.695	0.149		0.014		0.383	-0.096	-0.265	
2.695	0.143				0.389	-0.096	-0.264	0.004
2.702	0.114	0.036	0.046	0.02				-0.028
2.697	0.154	0.025	0.142				0.023	-0.159
2.705	0.482		0.403	0.021				
2.707			0.479	0.022	-0.524	-0.018		
2.7		0.064	-0.121		-0.038	-0.017		0.184
2.696		0.032	-0.205		0.13		0.036	
2.706			0.071		-0.165			0.091
2.707	-0.008		0.145	0.021	-0.232			0.071
2.694	0.168	0.019	-0.147		0.423	-0.066	-0.129	
2.695			0		0.254	-0.095	-0.286	0.045
2.701	0.037		0.105		-0.137			0.079
2.695	-0.267					-0.095	-0.343	0.136
2.695			-0.123	0.519	0.385	-0.125	-0.374	0.267
2.702	0.14	0.037	0.058				0.025	-0.048
2.695			0.084		0.166	-0.088	-0.278	
2.701	0.85	0.03			0.879	-0.057		-0.226
2.703	0.581		-0.01	0.021	0.663	-0.054		-0.202
2.699	-0.668		-0.246		-0.408		-0.096	0.159
2.705			-0.105	0.02		-0.019		0.13
2.694		0.022	-0.071		0.164	-0.053	-0.13	
2.696		0.064	0.117		-0.261		-0.02	0.168
2.706	-0.051				-0.159			0.11
2.7	0.008	0.064	-0.154			-0.017		0.191
2.7			-0.012	0.018	0.267	-0.121	-0.367	0.249
2.696			0.282			-0.119	-0.402	0.236
2.694	-0.676	0.017	0.052		-0.533	-0.07	-0.344	0.265
2.7		0.065	-0.165			-0.017		0.194
2.694		0.012	-0.108		0.273	-0.076	-0.201	0.05
2.697	0.454	0.058	-0.08	0.606	0.342		0.093	0.102
2.702	0.086	0.037					0.024	-0.026
2.695		0.005	0.009		0.204	-0.08	-0.232	
2.697			-0.147		0.174	-0.025		-0.126
2.698						-0.041	-0.083	0.141
2.7		0.069	-0.111	0.018	-0.089		0.03	0.176
2.695	0.201	0.062	0.095			-0.012		

2.7			-0.007	0.018	0.259	-0.119	-0.358	0.243
2.706	0.054						-0.043	0.108
2.706	0.05						-0.049	0.11
2.695			-0.261	0.531	0.488	-0.118	-0.315	0.251
2.703	0.494				0.563	-0.049		-0.2
2.702	-0.121		0.379		-0.57		0.038	
2.702	0.116	0.035	0.052					-0.036
2.694	-0.124	0.019				-0.059	-0.176	0.049
2.701		0.034	-0.079	0.019			0.013	0
2.694	-0.58	0.016			-0.376	-0.078	-0.35	0.272
2.703	0.57		-0.004		0.646	-0.053		-0.205
2.706		0.038	0.176	0.022	-0.257	-0.018		0.088
2.694	-0.613	0.017			-0.413	-0.076	-0.348	0.276
2.699	0.467		0.403					
2.702			0.317		-0.402		0.056	
2.703	-0.071	0.03			-0.117			
2.708	0.242		0.245	0.022		-0.047		
2.701			0.263		-0.38		0.089	
2.697			-0.21	0.359	0.385	-0.09	-0.234	0.113
2.696	-0.078	0.029	-0.132				0.016	
2.696	-0.042	0.028	-0.15		0.066			
2.706	0.074							0.084
2.706	0.066		-0.035	0.02				0.106
2.696	0.128	0.029			0.077		0.039	-0.079
2.702		0.021	0.135	0.02		-0.083	-0.236	0.184
2.701			0.326		-0.419	-0.005	0.065	
2.705	-0.006		-0.021	0.02	-0.056			
2.702	-0.233	0.058	0.046	0.019	-0.431			0.158
2.702	-0.25	0.061	0.107	0.019	-0.521	0.006		0.156
2.707	-0.012		0.151		-0.24			0.071
2.705		0.004						0.044
2.701			0.356		-0.363	-0.027		
2.701	-0.237		0.448		-0.714	-0.007		
2.702	-0.328		0.432		-0.789			
2.696	-0.081		0.175			-0.084	-0.292	
2.695	-0.746		0.151		-0.577	-0.098	-0.47	0.29
2.696	0.021	0.027	-0.021				0.024	-0.058
2.708			0.409	0.022	-0.459			
2.696		0.026	-0.054		0.01		0.022	-0.047
2.694	0.448	0.031	-0.2		0.652	-0.046		-0.091
2.697		0.028	0.051	0.382		-0.049	-0.115	0.068
2.7		0.044			-0.043	-0.041	-0.075	0.166
2.694	-0.057	0.022			0.034	-0.049	-0.13	
2.694	-0.08	0.026	-0.012			-0.042	-0.115	
2.702	-0.253		0.445		-0.73			
2.699		0.035			-0.05			
2.705			-0.105			-0.019		0.13
2.7		0.031			-0.047			

2.703			-0.075	0.021	0.096	-0.022		-0.152
2.702		0.033	-0.166	0.02	0.08		0.032	
2.704	0.106		0.139	0.081		-0.02		-0.203
2.701		0.033	-0.062				0.032	
2.7		0.032			-0.046			
2.702		0.033	-0.075				0.013	-0.008
2.702	0.089	0.028	0.034	0.021			0.031	-0.085
2.695	0.102	0.058				-0.012		0.016
2.703			0.019	0.119		-0.02		-0.15
2.694	-0.297		-0.054			-0.088	-0.307	0.127
2.701	0.178	0.073				-0.019		0.183
2.696	-0.013	0.024	-0.024		-0.012			-0.049
2.694		0.024			0.077	-0.048	-0.114	0
2.704	0.081		0.114	0.021		-0.02		-0.205
2.695	-0.48				-0.22	-0.087	-0.349	0.177
2.704	0.102		0.137	0.022		-0.019		-0.214
2.705	-0.693		-0.185	0.02	-0.497		-0.104	0.151
2.694	-0.161		-0.08		0.151	-0.088	-0.275	0.086
2.702		0.026	0.017	0.021	-0.062		0.017	-0.069
2.7			-0.009		0.265	-0.121	-0.367	0.249
2.7					0.257	-0.122	-0.368	0.248
2.702	-0.05	0.031	-0.123	0.02			0.02	
2.697	0.222	0.047	-0.08	0.589	0.188			0.127
2.698					0.038	-0.021		-0.161
2.703			-0.068		0.09	-0.022		-0.158
2.704	0.086		0.122			-0.019		-0.212
2.703		0.025	0.186	0.212	-0.206			-0.104
2.704	0.103		0.139			-0.019		-0.219
2.7	0.052	0.071	-0.142	0.018				0.2
2.705		0.021	0.211	0.022	-0.205	-0.012		-0.155
2.704	0.136	0.044					0.041	0.1
2.7	0.016	0.069	-0.184	0.018			0.023	0.191
2.7			-0.004		0.256	-0.12	-0.359	0.244
2.698	-0.319		-0.368			-0.025		0.141
2.699	0.27		-0.092	0.496	0.295	-0.041		0.114
2.7		0.069	-0.196	0.018			0.013	0.197
2.704					0.032	-0.021		-0.174
2.704	-0.782				-0.729		-0.242	0.226
2.702	-0.001	0.024	0.043	0.021	-0.073			-0.072
2.694	-0.629		0.031		-0.383	-0.089	-0.391	0.235
2.694	-0.114	0.009			0.072	-0.073	-0.219	0.045
2.696	-0.015	0.03	-0.12		0.043		0.024	
2.694	-0.531				-0.252	-0.095	-0.391	0.235
2.695	-0.22		0.043			-0.091	-0.31	0.094
2.706	0.056						-0.049	0.112
2.694	0.248	0.044	-0.171		0.364	-0.032		
2.695			-0.117		0.329	-0.086	-0.232	0.035
2.704		0.018	0.159	0.022	-0.143		-0.028	-0.14

2.704			0.027	0.021		-0.019		-0.172
2.696			-0.133	0.404	0.352	-0.103	-0.282	0.172
2.694		0.045	-0.373	0.581	0.278	-0.034		0.175
2.706	0.066		-0.035					0.106
2.707		0.038	0.177		-0.258	-0.018		0.088
2.702	-0.06	0.029	-0.117	0.02	0.002			
2.695	0.154	0.065	0.125		-0.091			
2.694	-0.66				-0.363	-0.1	-0.436	0.292
2.698		0.021	0.123	0.383		-0.07	-0.202	0.12
2.694	-0.249	0.002				-0.089	-0.302	0.11
2.695	0.239	0.062	0.134					-0.039
2.699			0.102	0.432		-0.07	-0.16	0.134
2.696			0.267			-0.089	-0.311	0.004
2.702		0.026	0.161	0.245	-0.176		-0.033	-0.04
2.706		0.034	-0.074	0.02			0.032	
2.708	0.281		0.152	0.022			0.095	
2.694	-0.75		0.037		-0.498	-0.092	-0.426	0.282
2.7		0.069	-0.11		-0.09		0.031	0.176
2.702	0.092	0.027	0.041				0.03	-0.093
2.703	0.233	0.029	0.113	0.021	0.066		0.039	-0.123
2.7		0.019				-0.074		0.106
2.694	-0.244	0.003	-0.008			-0.085	-0.287	0.103
2.695	0.057		-0.115		0.375	-0.083	-0.209	
2.701		0.037	0.183		-0.25	-0.018		0.088
2.702	0.08	0.028			0.022		0.034	-0.08
2.702	-0.267	0.061	0.113		-0.544	0.007		0.156
2.705		0.02	0.213		-0.205	-0.012		-0.162
2.704			0.029			-0.019		-0.177
2.702	-0.24	0.058	0.046		-0.439			0.158
2.694	-0.218	0.009				-0.087	-0.303	0.163
2.694		0.04	-0.02			-0.027	-0.046	0.017
2.695	0.213	0.066	0.081				0.013	
2.7			-0.188	0.018	0.392	-0.11	-0.29	0.232
2.698	-0.29		-0.349			-0.023		0.147
2.697	0.301	0.03	0.076		0.172		0.05	-0.119
2.704			-0.04	0.151		-0.008		-0.052
2.697		0.029	0.089	0.502		-0.069	-0.187	0.174
2.697	0.038	0.032						
2.702		0.025	0.025		-0.067		0.015	-0.076
2.698	-0.335		-0.347		-0.047	-0.021		0.145
2.699	0.041	0.032						
2.7		0.043				-0.038	-0.108	0.054
2.702	-0.267	0.056			-0.418	0.001		0.162
2.703		0.029	0.226	0.252	-0.257	-0.012		-0.049
2.698		0.03				-0.036		0.091
2.704						-0.044	-0.089	0.137
2.704		0.018	0.162		-0.143		-0.027	-0.147
2.696			-0.119	0.479	0.362	-0.117	-0.333	0.241

2.697	0.043	0.032	0.006					
2.698			0.033			-0.019		-0.161
2.698	0.038	0.032						
2.698	0.012		0.048			-0.019		-0.166
2.702		0.02	0.138			-0.083	-0.239	0.185
2.702	0.002	0.023	0.051		-0.076			-0.08
2.698			-0.443		0.41	-0.046		0.144
2.696		0.059	0.176		-0.261		-0.034	
2.697			0.042	0.356	0.204	-0.106	-0.329	0.167
2.706		0.035	0.109	0.021	-0.185		-0.028	0.104
2.705	-0.7		-0.186		-0.504		-0.105	0.151
2.705	0.086	0.039	0.074	0.021	-0.09			0.101
2.7		0.028				-0.036		0.088
2.699	0.129	0.039	0.039		-0.003			0.108
2.699	0.13	0.039	0.037				0	0.109
2.704	-0.023					-0.019		-0.162
2.698	-0.029					-0.018		-0.147
2.695	-0.236		0.033			-0.096	-0.342	0.15
2.708								0.052
2.701			0.475		-0.506	-0.018		
2.699	0.176	0.041			0.071		0.01	0.111
2.697	-0.483				-0.502			
2.699	0.174	0.049	0.047	0.551			0.028	0.099
2.694	-0.247	0.009	-0.042			-0.083	-0.284	0.158
2.698	0.086		0.124			-0.018		-0.197
2.703	0.226	0.028	0.118		0.057		0.037	-0.129
2.699	0.169	0.042	0.005		0.058		0.011	0.11
2.705	0.145	0.041	0.029	0.021			0.011	0.105
2.694	-0.155	0.031				-0.089	-0.311	0.271
2.704			0.44	0.021	-0.471	-0.026		
2.705	0.1	0.04	0.045	0.021	-0.052		0.001	0.105
2.696		0.034	-0.035					
2.697		0.032	-0.033					
2.706							-0.098	0.12
2.702	0.053	0.033	0.003	0.02				
2.698		0.031	-0.032					
2.701		0.007	0.04	0.02	0.156	-0.078	-0.229	
2.695	0.2	0.063			0.064		0.026	
2.7		0.034	0.097		-0.152		-0.038	0.11
2.702		0.015	0.342		-0.371			
2.702		0.058	0.029	0.019	-0.174	-0.012		0.156
2.701			0.113	0.019	0.128	-0.088	-0.281	
2.702		0.02	0.013	0.25			-0.058	-0.055
2.701	0.092		0.057	0.019	0.272	-0.093	-0.269	
2.695	0.126	0.061					0.016	0.005
2.697			-0.168		0.201	-0.03		-0.083
2.694	-0.231		0.021		0.01	-0.094	-0.322	0.132
2.694	-0.238	0.001	0.022			-0.093	-0.32	0.132

2.695		0.057			-0.106	-0.008		0.028
2.703	0.118						0.08	
2.694	-0.229	0.001			0.023	-0.092	-0.314	0.136
2.695		0.056	0.064		-0.163	-0.005		
2.702	-0.063	0.029	-0.077	0.02	-0.051		0.012	
2.701	0.208	0.062	0.093	0.019		-0.014		
2.695	-0.108	0.003	0.12			-0.076	-0.248	
2.695		0.062	0.084		-0.202			0.021
2.701					-0.21	0.02	0.184	
2.7			0.237	0.234		-0.086	-0.278	0.021
2.694	-0.26	0.002	-0.014		-0.001	-0.089	-0.307	0.139
2.693	-0.296	0.025	-0.155			-0.08	-0.277	0.266
2.695	0.104	0.06			-0.011			0.014
2.694		0.062	-0.031	0.58		-0.05	-0.158	0.243
2.701			0.058	0.019	0.18	-0.09	-0.273	0.013
2.701	0.239		0.254			-0.046		
2.696	-0.04	0.029			-0.08		-0.003	
2.7		0.023	-0.06	0.019	0.134	-0.051	-0.123	
2.699	0.174						0.133	
2.701	-0.069		0.175	0.02		-0.084	-0.29	
2.7	0.048	0.071	-0.145					0.2
2.7	0.014	0.069	-0.185				0.022	0.191
2.704		0.03	-0.043	0.02				
2.702		0.032	-0.045	0.02				
2.7			-0.255	0.467	0.176			0.118
2.7		0.068	-0.195				0.013	0.197
2.695	-0.02	0.055	-0.17				0.012	0.174
2.702						-0.039	0.047	
2.7	0.101	0.018	-0.105	0.019	0.306	-0.063	-0.135	
2.702	0.282		0.161				0.099	
2.703		0.032	-0.045	0.02				
2.698			0.448		-0.466	-0.025		
2.702		0.063	0.161	0.019	-0.313		-0.02	0.158
2.7		0.008			0.193	-0.081	-0.232	0.02
2.695		0.06			-0.113		-0.01	0.04
2.695	0.025	0.049	-0.052			-0.015		0.009
2.699	-0.499		-0.277		-0.284			0.131
2.7			-0.187		0.391	-0.11	-0.289	0.231
2.704						-0.016	-0.01	-0.115
2.704							0.036	
2.7		0.014	-0.071	0.019	0.205	-0.068	-0.174	0.018
2.7	-0.073	0.025	-0.012	0.019		-0.043	-0.117	
2.705		0.017	0.438	0.021	-0.491			
2.706		0.035	0.11		-0.186		-0.028	0.104
2.702			0.264	0.019		-0.116	-0.386	0.227
2.701	0.163				0.381	-0.089	-0.239	-0.03
2.695		0.05	-0.064		-0.021	-0.013		0.02
2.706	0.082	0.039	0.079		-0.098			0.101

2.702			0.414		-0.451			
2.701			0.063		0.175	-0.089	-0.27	0.007
2.701	-0.001	0.051	-0.128	0.019		-0.02		0.164
2.7	0.39	0.03	-0.152	0.019	0.537	-0.042		-0.104
2.695		0.051	-0.09			-0.013		0.027
2.702			0.247	0.02		-0.085	-0.292	-0.016
2.701	0.111		0.045	0.448		-0.029		0.092
2.703			0.019	0.149		-0.023		-0.109
2.701	0.114		0.051	0.454		-0.03		0.089
2.694		0.063	-0.16	0.605		-0.019		0.248
2.699					-0.192		0.183	
2.7			-0.227	0.464	0.137			0.123
2.691		0.031						
2.695		0.039	-0.311		0.23	-0.034		0.165
2.698		0.017	0.147		-0.113		-0.038	-0.126
2.701	0.281	0.058	0.179	0.02				-0.079
2.695		0.007	0.046		0.165	-0.086	-0.259	0.081
2.703			-0.099	0.02	0.126	-0.027		-0.108
2.7			-0.195	0.452	0.112		-0.008	0.122
2.695	0.108	0.04			0.069	-0.02		-0.05
2.701					0.228	-0.089	-0.267	0.021
2.693		0.029						
2.692		0.031					0.002	
2.705	0.143	0.041	0.028				0.01	0.105
2.69		0.032					0.007	
2.694		0.011			0.183	-0.081	-0.24	0.098
2.697			-0.367		0.372	-0.038		
2.708		0.036	0.434	0.022	-0.566		0.084	
2.705	0.089	0.04	0.049		-0.063		-0.002	0.105
2.69		0.033					0.004	
2.695		0.018	0.163			-0.072	-0.235	0.083
2.702		0.058	0.033		-0.179	-0.012		0.156
2.698						-0.015	-0.009	-0.095
2.704	-0.289		-0.344	0.02		-0.027		0.133
2.695	0.087	0.065	-0.071	0.584		-0.019		0.221
2.708	0.454	0.059	0.168	0.022		0.015	0.224	
2.699	-0.503		-0.314		-0.259			0.139
2.698								0.066
2.701	-0.081	0.005	0.125	0.02		-0.075	-0.241	
2.701	-0.139		0.103	0.02		-0.086	-0.286	0.038
2.702	0.022					-0.02		
2.705	0.151	0.041			0.035		0.008	0.11
2.702			0.246			-0.085	-0.29	-0.02
2.702	0.329	0.06				0.032	0.286	
2.701		0.059	0.207	0.02	-0.302		-0.037	
2.701	0.131	0.064	0.146	0.02	-0.145			
2.7	-0.097	0.02				-0.053	-0.151	0.019
2.7	-0.128				-0.305		0.17	

2.703			-0.089		0.117	-0.027		-0.113
2.695	-0.005	0.038	-0.272		0.188	-0.032		0.159
2.695			0.065		0.183	-0.094	-0.289	0.074
2.695	0.19	0.056	-0.075	0.529	0.144	-0.026		0.158
2.697	0.158		-0.007		0.188	-0.027		-0.121
2.7		0.013	-0.067		0.202	-0.067	-0.172	0.011
2.694	0.482	0.038	-0.262		0.715	-0.051		
2.7		0.035	-0.007	0.02		-0.03	-0.056	-0.007
2.709	0.252		0.228	0.022				
2.695		0.069	-0.05	0.588	-0.125	-0.013		0.244
2.699		0.016	0.445		-0.484			
2.696	0.059	0.055	-0.067	0.494		-0.019		0.158
2.694	-0.286	0.014	-0.075			-0.095	-0.336	0.266
2.702						-0.025	-0.016	
2.702						-0.021		
2.697	0.175		-0.352		0.545	-0.048		
2.704			0.118	0.021	-0.101	-0.012		-0.198
2.695		0.008	0.205			-0.073	-0.224	-0.016
2.704	0.033		0.061	0.021		-0.022		-0.146
2.703	0.149		0.046	0.084	0.122			-0.209
2.704	0.212		0.034	0.021	0.187		0.024	-0.245
2.702					-0.019	-0.019		
2.705			0.121		-0.102	-0.012		-0.203
2.702		0.064	0.166		-0.318		-0.021	0.158
2.708	0.302	0.051	0.256	0.022	-0.179		0.173	
2.704	0.119		0.057	0.021	0.081			-0.217
2.7		0.023			0.07	-0.047	-0.11	-0.02
2.7	0.386	0.029	-0.147		0.53	-0.041		-0.11
2.702	-0.198		0.079	0.394	-0.269		-0.11	0.117
2.707			-0.015	0.021		-0.022		
2.704	0.369				0.365		0.062	-0.296
2.701			-0.072	0.435			-0.016	0.107
2.696		0.054	-0.094	0.482	-0.03	-0.017		0.16
2.704	0.211		0.038		0.183		0.025	-0.25
2.695	0.25	0.047	-0.218	0.565	0.374	-0.039		0.158
2.698	-0.022		0.008			-0.021		-0.117
2.7	-0.174	0.007	0.008	0.019		-0.073	-0.231	0.052
2.704	0.054		0.078	0.021			-0.013	-0.199
2.701			-0.078	0.434				0.099
2.702	0.283	0.057	0.185					-0.087
2.7	-0.237					-0.087	-0.308	0.094
2.701			-0.072	0.443			-0.015	0.106
2.704	0.074		0.089	0.066				-0.204
2.704	0.143		0.06	0.021	0.107			-0.223
2.704	-0.371		-0.291	0.02	-0.149	-0.018		0.134
2.702			0.264			-0.117	-0.387	0.227
2.704	0.117		0.062		0.076			-0.221
2.699		0.02	0.217		-0.199	-0.012		-0.147

2.704			0.087	0.021	-0.058		-0.027	-0.182
2.701	0.221	0.08					0.022	0.183
2.704	0.26				0.262		0.035	-0.257
2.694		0.011	-0.049		0.212	-0.075	-0.205	0.075
2.698	0.11				0.133			-0.192
2.704	0.038		0.069			-0.022		-0.153
2.701	-0.132		0.109			-0.085	-0.283	0.03
2.698	0.136		0.022		0.139			-0.202
2.704	0.074		0.092	0.021				-0.213
2.698			0.033				-0.026	-0.161
2.694		0.05	0.039			-0.065	-0.212	0.248
2.698	-0.354		-0.397				-0.044	0.165
2.707	0.458	0.055	0.196	0.022			0.211	
2.698	0.203				0.221		0.016	-0.22
2.704	0.056		0.081				-0.012	-0.205
2.698					0.029		-0.021	-0.157
2.698	0.017		0.052				-0.028	-0.167
2.701		0.008	0.188	0.021		-0.07	-0.216	-0.028
2.698			0.054		-0.017		-0.033	-0.162
2.691	0.364	0.069	-0.369	0.731	0.591	-0.043		0.21
2.703			0.018	0.098			-0.011	-0.163
2.704	0.148		0.068		0.105			-0.229
2.703			0.007	0.095				-0.167
2.701	0.222	0.066	0.078	0.019			0.016	
2.694		0.049			0.04	-0.066	-0.21	0.25
2.698	0.282		-0.01		0.303		0.034	-0.246
2.698	-0.03						-0.026	-0.147
2.704	0.038		0.053	0.083				-0.186
2.698	0.248				0.263		0.029	-0.238
2.699	-0.702	0.018	0.085	0.018	-0.613	-0.065	-0.332	0.253
2.704			0.09		-0.06		-0.026	-0.187
2.703			-0.012	0.104	0.021			-0.162
2.704	0.081		0.1					-0.22
2.704			0.022	0.021			-0.018	-0.176
2.701	0.096	0.053				-0.013		-0.011
2.7	-0.032	0.013			0.1	-0.062	-0.163	-0.008
2.703			0.026	0.094			-0.036	-0.154
2.699	-0.365		-0.409				-0.045	0.167
2.704	0.08		0.108	0.069			-0.01	-0.204
2.699			0.242	0.262		-0.093	-0.306	0.082
2.704	0.05		0.075	0.021			-0.006	-0.202
2.701		0.058	0.098	0.02	-0.211	-0.004		
2.698			0.091		-0.069	-0.012		-0.182
2.694	-0.377		-0.085			-0.114	-0.414	0.288
2.704	0.101				0.117			-0.204
2.701	-0.004	0.05	-0.13			-0.02		0.164
2.702	0.22		0.064	0.14	0.167	-0.027		-0.128
2.697	0.363	0.042	-0.103		0.364		0.046	

2.7	-0.18		-0.039	0.019	0.068	-0.081	-0.256	0.058
2.698	0.113		-0.012		0.153			-0.191
2.701		0.059	0.128	0.02	-0.244			-0.009
2.701			-0.004			-0.022		
2.697	0.076		-0.324		0.388	-0.036		
2.7	-0.239		-0.024	0.019		-0.081	-0.271	0.075
2.708	0.447	0.055	0.187	0.022			0.208	
2.709			0.032	0.022		-0.045		
2.704			0.024				-0.018	-0.18
2.708	0.448	0.056	0.184	0.022			0.212	
2.7	-0.011		-0.071	0.019	0.251	-0.079	-0.212	
2.7			-0.078	0.019	0.269	-0.08	-0.211	0.002
2.704			0.028	0.021	-0.016			-0.186
2.698			-0.028		0.045			-0.164
2.702		0.05			-0.296	0.04	0.258	
2.704	-0.291		-0.346			-0.027		0.133
2.704	0.057		0.083				-0.006	-0.209
2.704			0.033	0.021	-0.009		-0.011	-0.181
2.7	0.183	0.045	-0.129	0.019	0.242	-0.027		
2.7	0.335		0.163				0.141	
2.692	0.129		0.113			-0.035		
2.706	0.335		0.148	0.021			0.144	
2.698			-0.297		0.236	-0.036		0.143
2.697	-0.322	0.054	0.089	0.375	-0.505		-0.073	0.178
2.704	-0.254		-0.325	0.019		-0.024		0.142
2.7		0.034	-0.003			-0.03	-0.057	-0.014
2.703					-0.067		0.033	
2.698	0.014		0.033					-0.177
2.704					0.018		-0.012	-0.176
2.703	0.032		0.036	0.135		-0.02		-0.104
2.704	0.155		0.184	0.097		-0.022		-0.171
2.702			-0.032	0.158	0.029	-0.021		-0.079
2.705	-0.51		-0.22	0.02	-0.362			0.121
2.704			0.036		-0.022			-0.191
2.701	-0.05		-0.087	0.426			-0.081	0.143
2.704	-0.018						-0.015	-0.17
2.695	-0.112	0.073	-0.02	0.581	-0.29			0.264
2.695	0.031	0.052	-0.061		-0.018		0.025	
2.694	0.181	0.088	-0.022	0.656		-0.013		0.204
2.695	0.046	0.052	-0.065				0.028	-0.004
2.704			0.04		-0.014		-0.011	-0.186
2.695		0.052	-0.054		-0.053		0.017	0.009
2.696	-0.152	0.036	-0.227			-0.024		0.149
2.704			-0.388	0.019	0.346	-0.045		0.133
2.696	1.132				1.264	-0.078		-0.367
2.695	-0.068	0.052	-0.039		-0.129			0.03
2.698			-0.037		0.063		-0.007	-0.159
2.7	-0.205	0.005				-0.079	-0.259	0.069

2.7	-0.173	0.007	0.01			-0.072	-0.23	0.046
2.703	0.03							
2.701		0.007	0.192			-0.071	-0.218	-0.034
2.696	0.388	0.046	-0.121	0.532	0.428	-0.041		0.111
2.695	-0.16	0.051			-0.248		-0.02	0.049
2.695		0.006	0.132		0.064	-0.071	-0.219	
2.7	-0.775		0.197	0.018	-0.665	-0.094	-0.467	0.28
2.695	0.012	0.005	0.121		0.091	-0.073	-0.22	
2.703					-0.03			
2.701		0.042	0.146	0.486	-0.227	-0.018		0.093
2.708		0.044	0.398	0.022	-0.574		0.12	
2.695	-0.033	0.007	0.159			-0.068	-0.22	
2.697	0.133		0.105	0.021		-0.036		
2.698	-0.025		0.007				-0.014	-0.157
2.703	0.145		0.063	0.02	0.097	-0.023		-0.144
2.699	-0.338		-0.405					0.144
2.699	-0.611	0.024			-0.471	-0.064	-0.303	0.26
2.695	-0.004		0.118		0.105	-0.079	-0.243	
2.705	-0.379		-0.292		-0.156	-0.018		0.134
2.7	-0.722	0.018	0.09		-0.634	-0.065	-0.336	0.255
2.701			-0.055	0.442			-0.053	0.125
2.701			-0.034	0.434	-0.021		-0.051	0.121
2.695		0.053	-0.103				-0.001	0.026
2.701	0.044	0.044	-0.025	0.02		-0.016		-0.025
2.7	-0.176		-0.035		0.068	-0.08	-0.253	0.05
2.704			0.108	0.056	-0.099			-0.195
2.7	-0.234		-0.02			-0.08	-0.267	0.067
2.702	0.447	0.057	0.18			0.014	0.219	
2.708		0.04	0.286	0.022	-0.462		0.133	
2.7			-0.073		0.264	-0.079	-0.209	-0.005
2.704			0.127	0.074	-0.083		-0.037	-0.177
2.7	-0.272				-0.055	-0.079	-0.273	0.073
2.703	0.278	0.04	-0.056	0.021	0.235		0.031	
2.704		0.017	0.395	0.022	-0.43	-0.031		
2.693		0.054	-0.235	0.587	0.195	-0.05	-0.112	0.23
2.701			0.067	0.413	-0.145	-0.02		0.095
2.704	0.147		0.071		0.093	-0.023		-0.15
2.698	-0.492		0.157		-0.571		-0.153	
2.703	0.251		0.24					
2.702	1.386	0.053			1.198		0.274	-0.451
2.698	-0.445				-0.392		-0.111	
2.704			0.003	0.099		-0.013		-0.169
2.7	-0.555		0.061	0.019	-0.366	-0.083	-0.354	0.183
2.701		0.058	0.133		-0.245			-0.016
2.695	0.803		-0.266		1.175	-0.073		-0.242
2.706	0.289		0.092	0.021			0.156	
2.702	0.316				0.298			
2.701	0.454	0.054	0.21				0.206	

2.705	-0.517		-0.218		-0.37			0.121
2.706	0.316		0.133	0.021		-0.004	0.141	
2.702	1.103				1.227	-0.076		-0.374
2.696	1.371	0.053			1.196		0.268	-0.432
2.699	0.207						0.19	
2.694	-0.448		-0.073		-0.095	-0.104	-0.38	0.261
2.7	0.27		0.084				0.16	
2.705	-0.51		-0.266	0.02	-0.321			0.129
2.701		0.046	-0.03	0.02	-0.051	-0.013		-0.01
2.704	-0.256		-0.327			-0.024		0.142
2.695	-0.021	0.005	0.029		0.128	-0.068	-0.19	
2.694	-0.434	0	-0.086		-0.067	-0.106	-0.381	0.263
2.695		0.069	-0.005	0.557	-0.176			0.222
2.695	0.064	0.004			0.251	-0.075	-0.196	
2.701	-0.793		0.206		-0.69	-0.094	-0.47	0.281
2.694	-0.44	-0.002	-0.041		-0.095	-0.11	-0.404	0.265
2.709		0.039	0.373	0.023	-0.528	0.009	0.099	
2.7	-0.224		0.085	0.019	-0.063	-0.088	-0.309	0.099
2.692	0.586	0.054	-0.399	0.677	0.903	-0.06		0.119
2.7	0.214					0.01	0.188	
2.695		0.068	-0.042	0.564	-0.143		0.008	0.222
2.7	-0.155	0.003	0.07	0.019		-0.085	-0.287	0.091
2.701			-0.002	0.432	-0.037		-0.057	0.112
2.7	0.313		0.146			-0.005	0.139	
2.698	-0.497		0.119		-0.545		-0.13	
2.694	-0.375	0.002	-0.107			-0.106	-0.369	0.263
2.7	-0.168		0.077	0.019		-0.091	-0.31	0.1
2.701	0.164	0.034			0.137	-0.024		-0.092
2.694	-0.498	-0.004			-0.183	-0.109	-0.414	0.261
2.7	-0.332				-0.379	-0.013		0.095
2.697	-0.079	0.06	0.011	0.448	-0.238			0.158
2.701	-0.016		-0.045	0.441			-0.074	0.124
2.701	0.126	0.057					0.023	-0.025
2.699					-0.089		0.048	
2.7					-0.1	0.004	0.056	
2.701		0.052			-0.098	-0.009		-0.001
2.69	1.103	0.093	-0.482	0.973	1.206		0.274	0.11
2.699	-0.472	0.012			-0.283	-0.075	-0.313	0.208
2.706		0.025	-0.059	0.328		-0.01		0.037
2.692					-0.022	-0.025		
2.701	0.425	0.055	0.174				0.215	
2.702	0.392	0.053	0.222		-0.062		0.194	
2.7	-0.267	0.003	0.027	0.019	-0.078	-0.081	-0.282	0.109
2.701	0.449	0.056	0.196				0.213	
2.704	-0.54		0.195	0.021	-0.661		-0.159	
2.704			-0.386		0.343	-0.045		0.133
2.7	-0.558		0.066		-0.375	-0.082	-0.352	0.178
2.7	-0.782		0.077	0.018	-0.586	-0.087	-0.417	0.27

2.701	0.045	0.043	-0.021			-0.016		-0.033
2.709			-0.027	0.021				
2.698		0.037	-0.056	0.401		-0.023		0.041
2.7		0.038	0.071	0.489	-0.14		-0.036	0.113
2.705			0.201	0.056	-0.169	-0.012		-0.212
2.699	-0.598	0.016			-0.412	-0.074	-0.337	0.263
2.7	-0.195	0.007	-0.009	0.019		-0.078	-0.255	0.109
2.701		0.046	-0.084	0.019		-0.014		0
2.703			-0.338	0.019	0.332	-0.037		
2.696		0.061	0.039	0.465	-0.188		-0.004	0.157
2.698	-0.56		0.221		-0.692		-0.17	0.019
2.702		0.034	0.442		-0.556		0.08	
2.695		0.044	-0.276	0.545	0.176	-0.03		0.184
2.698	-0.473				-0.421		-0.107	0.012
2.701	0.097	0.055			-0.014			-0.013
2.711		0						0.033
2.7	-0.454				-0.512			0.098
2.691	0.016					-0.027		
2.702			-0.015					
2.688						-0.029		
2.701	-0.219		0.09		-0.064	-0.087	-0.306	0.092
2.702							-0.011	
2.701		0.014	0.165	0.019		-0.072	-0.231	0.055
2.695	-0.615	0.055	0.072		-0.752		-0.128	0.221
2.704	-0.544		0.172	0.021	-0.647		-0.143	
2.7	-0.152	0.003	0.076			-0.086	-0.287	0.085
2.7	-0.162		0.083			-0.09	-0.307	0.093
2.708	-0.265	0.021	0.565	0.023	-0.877			
2.705	-0.517		-0.265		-0.33			0.129
2.701		0.008	0.106	0.019	0.086	-0.08	-0.243	0.05
2.69			-0.009			-0.028		
2.693	0.212	0.093	-0.032	0.671			0.03	0.2
2.701		0.045	-0.025		-0.052	-0.013		-0.018
2.694	-0.121	0.054	-0.161	0.539		-0.042	-0.117	0.226
2.701		0.04	-0.252	0.019	0.161	-0.032		0.154
2.7	-0.427				-0.181	-0.088	-0.342	0.176
2.694					-0.03	-0.018		
2.689						-0.03	-0.004	
2.696	-0.038				-0.069	-0.016		
2.698		0.016	0.398		-0.421	-0.031		
2.701		0.055			-0.112		-0.003	0.008
2.704	-0.476		0.239	0.021	-0.641		-0.145	-0.024
2.695	-0.45	0.063			-0.554		-0.099	0.229
2.7		0.017				-0.051		0.083
2.7	-0.199	0.007				-0.082	-0.277	0.124
2.7	-0.273	0.002	0.032		-0.085	-0.081	-0.283	0.104
2.704	-0.48		0.243		-0.647		-0.146	-0.028
2.693	0.026					-0.021		

2.702			0.044			-0.045		
2.71			0.009	0.022				
2.708			-0.034	0.021			0.003	
2.7	-0.801		0.086		-0.612	-0.086	-0.42	0.27
2.699			-0.041			-0.031		0.098
2.7			-0.098	0.468		-0.02		0.126
2.7	-0.239	0.003			-0.02	-0.084	-0.287	0.117
2.702	0.117		-0.316	0.019	0.437	-0.044		
2.692		0.087	-0.222	0.736		-0.014		0.301
2.701	-0.038	0.038	-0.221	0.019	0.093	-0.029		0.149
2.7	-0.195	0.006	-0.005			-0.078	-0.256	0.102
2.701			0.117	0.019	0.114	-0.088	-0.273	0.042
2.688			0.034			-0.036	-0.04	
2.702			0.127	0.415	-0.189	-0.02		0.075
2.698	-0.193		-0.205			-0.021		
2.691	0.499	0.054	-0.415	0.76	0.855	-0.071	-0.052	0.211
2.701	0.007	0.054	-0.157	0.018			0.021	0.163
2.701	-0.024	0.007	0.161	0.02		-0.07	-0.221	
2.702	-0.114	0.037	-0.202	0.02		-0.025		0.144
2.701		0.045	-0.08			-0.014		-0.008
2.701	0.077	0.049	-0.035	0.02			0.038	-0.044
2.691						-0.026	-0.017	
2.701	-0.034	0.005	0.156	0.02	0.001	-0.071	-0.226	
2.701		0.008	0.166	0.02	0.012	-0.07	-0.217	
2.701		0.013	0.17			-0.073	-0.233	0.048
2.69	0.692	0.062	-0.444	0.833	1.026	-0.067		0.201
2.701	0.749		-0.219	0.02	1.064	-0.069		-0.253
2.698			-0.489	0.512	0.463	-0.049		0.139
2.698	-0.177		0.003		-0.143		-0.041	-0.084
2.694	0.143	0.09	-0.007	0.644	-0.07			0.207
2.702			-0.026				0.006	
2.701		0.049	-0.02	0.02	-0.085		0.019	-0.021
2.695	0.825	0.047	-0.215		0.877		0.208	-0.256
2.701		0.007	0.114		0.082	-0.08	-0.245	0.043
2.696	-0.066	0.043	-0.153	0.518		-0.025		0.14
2.704	-0.177		0.075	0.021	-0.219		-0.046	-0.104
2.701	-0.034	0.05	-0.021	0.02	-0.12		0.011	
2.698	-0.104				-0.144			
2.701	-0.062		0.166	0.02	-0.008	-0.077	-0.25	
2.691		0.083	-0.252	0.728	0.042	-0.017		0.294
2.694		0.066	-0.194	0.597			0.024	0.24
2.701	-0.068	0.048	-0.005	0.02	-0.159			0
2.693	0.176	0.092	-0.051	0.683				0.227
2.694			-0.021	0.02		-0.028		
2.706	-0.394				-0.453	-0.009		0.092
2.7	-0.678				-0.402	-0.095	-0.42	0.282
2.699	0.425	0.038	-0.225	0.019	0.607	-0.047		
2.703		0.029				-0.036		0.082

2.704		0.028				-0.036		0.081
2.704	-0.172		0.083		-0.22		-0.045	-0.111
2.695	0.105	0.067	-0.086	0.57			0.025	0.204
2.703						-0.039		0.079
2.699	0.139	0.035	0.106	0.33		-0.023		-0.043
2.702	0.238	0.043					0.227	
2.698		0.031					-0.147	0.179
2.705	0.305	0.045				0.056	0.225	
2.701			0.125		0.106	-0.087	-0.271	0.036
2.692			-0.012			-0.021		
2.696	0.077	0.06	-0.089	0.5			0.028	0.154
2.693		0.093	-0.076	0.698	-0.164			0.277
2.694		0.081	-0.099	0.6	-0.094	-0.009		0.205
2.704	-0.353				-0.32		-0.074	-0.039
2.692	-0.014	0.082	-0.219	0.707		-0.015		0.282
2.692		0.076	-0.175	0.669		-0.019	-0.011	0.253
2.703			0.006	0.123			-0.007	-0.117
2.703			0.091	0.096	-0.075		-0.022	-0.127
2.706	-0.478				-0.544			0.093
2.703			0.024	0.115	-0.021			-0.126
2.703	-0.013		-0.012	0.127				-0.115
2.698	-0.047		-0.025				-0.018	-0.106
2.7		0.01	-0.009	0.019	0.156	-0.07	-0.188	0.042
2.699		0.032	-0.29				0.295	
2.703	0.012		-0.28	0.019	0.266	-0.032		
2.694	0.02	0.063	-0.153	0.579				0.232
2.701	0.738		-0.211		1.046	-0.068		-0.256
2.693			0.021	0.02		-0.036	-0.039	
2.704	-0.334		-0.392	0.019			-0.035	0.156
2.702		0.039	0.254		-0.425		0.144	
2.702		0.044	0.404		-0.571		0.122	
2.698			0.041		-0.016		-0.017	-0.126
2.704	-0.319		-0.378	0.019			-0.04	0.159
2.696	0.386	0.047	-0.178		0.479	-0.048		0.153
2.704			-0.23	0.019	0.159	-0.034		0.131
2.698	-0.054		-0.016		-0.027			-0.117
2.703	-0.065		0.029	0.109	-0.099			-0.112
2.709		0.028	0.605	0.023	-0.666			
2.705			-0.048	0.02		-0.032		0.093
2.704			0.1	0.021	-0.078		-0.019	-0.148
2.7					-0.035	-0.032		0.09
2.701			0.015	0.427	-0.11			0.1
2.701	-0.08	0.006	0.063	0.02	0.018	-0.064	-0.189	
2.704			0.155	0.079	-0.127		-0.037	-0.135
2.7	-0.341				-0.403	-0.012		0.101
2.7		0.008			0.172	-0.078	-0.223	0.064
2.701	0.077	0.048	-0.031				0.037	-0.052
2.701	0.517				0.354		0.143	

2.702	-0.005		0.036	0.414	-0.134			0.097
2.705	-0.309		-0.384	0.019				0.136
2.704	-0.032		0.048	0.021	-0.072			-0.143
2.701	0.74	0.045	-0.169	0.02	0.749		0.191	-0.255
2.701		0.048	-0.015		-0.086		0.019	-0.028
2.703	-0.008		-0.005	0.127			-0.017	-0.098
2.704	-0.012		0.172	0.077	-0.147		-0.043	-0.139
2.701		0.039	-0.25		0.159	-0.032		0.154
2.704			0.11		-0.086		-0.02	-0.153
2.701	0.014	0.047			-0.084		0.022	-0.041
2.694		0.085	-0.002	0.593	-0.199		-0.015	0.208
2.701	-0.067	0.047	-0.001		-0.159			-0.008
2.704	0.015		0.028	0.021			-0.005	-0.144
2.698			0.268	0.453		-0.116	-0.39	0.227
2.701	0.058		-0.039	0.451				0.105
2.704	-0.029		0.057		-0.076			-0.149
2.693		0.041	-0.204		0.221	-0.062	-0.147	0.23
2.694					-0.041			
2.704			0.021					
2.701	-0.047	0.038	-0.223		0.087	-0.029		0.149
2.7	0.031					-0.035		0.088
2.702	0.759	0.068			0.396	0.022	0.308	
2.701	0.475	0.057			0.167		0.28	
2.696	-0.696	0.049	0.261		-0.972		-0.181	0.214
2.701	0.003	0.054	-0.16				0.02	0.164
2.698	-0.342		-0.117		-0.194		-0.063	
2.704	0.021		0.035				-0.005	-0.15
2.698	-0.27	0.025	-0.146	0.017		-0.079	-0.265	0.254
2.7		0.009	-0.005		0.157	-0.07	-0.189	0.034
2.696			-0.024	0.02		-0.022		
2.702					0.043	-0.043		
2.697	-0.022	0.04	-0.097	0.443		-0.023		0.104
2.702	-0.117	0.037	-0.205			-0.025		0.145
2.701		0.048	-0.102	0.019			0.004	-0.002
2.698	-1.128		0.157		-1.178		-0.271	0.214
2.702	-0.041					-0.04		
2.698	-0.201		-0.194				-0.054	
2.704	0.1		0.119	0.09			-0.019	-0.151
2.695	-0.812	0.049	0.18		-1.013		-0.185	0.256
2.704	-0.179		-0.2	0.02		-0.022		
2.697	0.535		-0.292		0.819	-0.059		
2.705		0.032	-0.305	0.02			0.297	
2.698	-1.141		0.311		-1.32		-0.307	0.213
2.704	-0.321		-0.379				-0.04	0.16
2.704	-0.337		-0.395				-0.035	0.156
2.704	0.112		0.153	0.074	-0.031			-0.173
2.694		0.031	0.039		0.075	-0.08	-0.246	0.231
2.701	0.284	0.051					0.264	

2.704			-0.227		0.156	-0.034		0.131
2.705			-0.048			-0.032		0.093
2.705			0.217	0.064	-0.208	-0.01		-0.156
2.701	0.729	0.044	-0.162		0.736		0.188	-0.259
2.698	-1.025				-0.946		-0.22	0.206
2.702	0.081		0.019	0.444	-0.021			0.088
2.705	-0.311		-0.386					0.137
2.692	0.082		0.048					
2.703	-0.021							
2.703		0.037	0.377		-0.513	0.008	0.095	
2.691	0.36	0.089	-0.318	0.74	0.392		0.119	0.18
2.703		0.002						0.049
2.697	0.051	0.039			-0.019	-0.029		0.119
2.707	-0.396		0.255	0.021	-0.598		-0.154	0.11
2.699	-0.144	0.029				-0.088	-0.302	0.261
2.704	-0.389		-0.06	0.02	-0.3		-0.075	
2.709	0.204	0.007	0.172	0.022				
2.695		0.027						0.076
2.703					0.018			
2.701		0.047	-0.098				0.004	-0.009
2.692	0.034							
2.706	-0.385				-0.456	-0.009		0.097
2.699		0.047	0.034	0.018		-0.066	-0.21	0.239
2.692		0.09	-0.248	0.735			0.015	0.297
2.709	0.215		0.182	0.022				
2.699	-0.257	0.014	-0.063	0.017		-0.094	-0.323	0.255
2.701			0.122	0.175		-0.051	-0.123	-0.068
2.694			-0.044				0.018	
2.703	-1.029		0.267	0.152	-1.196		-0.277	0.199
2.702		0.033			-0.193		0.192	
2.698	-0.276	0.024	-0.145			-0.08	-0.27	0.256
2.697	0.084		0.037	0.02				
2.702	-0.244	0.02	0.562		-0.84			
2.692	0.022	0.086	-0.224	0.704			0.038	0.26
2.697	0.795		-0.023		0.896	-0.056		-0.3
2.691			-0.027					
2.7			-0.294			0.036	0.275	
2.692		0.087	-0.227	0.707	-0.018		0.032	0.27
2.701		-0.01						
2.701	-0.651	0.053	0.109	0.019	-0.824		-0.134	0.212
2.7	-0.48		-0.023	0.018	-0.191	-0.1	-0.376	0.249
2.706					-0.043	-0.033		0.085
2.702	0.796	0.061			0.479		0.281	
2.707	-0.404		0.262		-0.611		-0.156	0.109
2.7	-0.48	-0.002	0.002	0.018	-0.197	-0.104	-0.395	0.253
2.701	-0.336		0.212		-0.49		-0.148	0.116
2.7						-0.01		
2.704	-1.153		0.343	0.02	-1.373		-0.304	0.203

2.7	-0.456	0.001	-0.043	0.018	-0.149	-0.102	-0.374	0.252
2.708	-0.391		0.497	0.022	-0.924			
2.697	-0.283	0.032	-0.23		-0.137			0.142
2.708			0.426	0.022	-0.445	-0.021		
2.704	-1.144		0.209	0.02	-1.251		-0.276	0.206
2.695		0.026	-0.185		0.172	-0.026		-0.031
2.701	0.782	0.066			0.442		0.3	
2.705		0.02	-0.009	0.248		-0.014		-0.107
2.694		0.018	-0.145		0.316	-0.099	-0.272	0.241
2.704	-1.172		0.351		-1.397		-0.308	0.204
2.708		0.016	0.431	0.022	-0.468			
2.699	-0.349		-0.074	0.017		-0.112	-0.4	0.276
2.698	-0.241		-0.224		-0.047			
2.697	-0.251	0.034	-0.26		-0.085		0.008	0.144
2.692	-0.109	0.085	-0.2	0.696	-0.136			0.298
2.694		0.027	-0.238	0.558	0.347	-0.087	-0.22	0.236
2.695	-0.154	0.076			-0.344	0.002		0.197
2.694		0.026	-0.214	0.541	0.336	-0.088	-0.23	0.227
2.695	-0.138	0.076	0		-0.326			0.196
2.702	0.32	0.046	-0.124	0.019	0.349	-0.043		0.142
2.706	0.038					-0.036		0.083
2.703	0.565	0.097				0.091	0.437	
2.708	-0.196		0.492	0.022	-0.727			
2.697	-0.172	0.036	-0.281				0.023	0.144
2.704	-1.164		0.22		-1.279		-0.281	0.207
2.699			-0.059	0.02			0.02	
2.708		0.042	0.756	0.023	-0.848			
2.708	-0.309		0.551	0.022	-0.887		-0.016	
2.708			-0.124	0.021			0.141	
2.699	-0.329	0.005	-0.092	0.018		-0.102	-0.347	0.253
2.708	-0.251		0.519	0.022	-0.812	-0.001		
2.699	-0.262	0.014	-0.065			-0.094	-0.326	0.256
2.705			-0.309	0.02		0.037	0.277	
2.695		0.081	0.102		-0.284		-0.031	0.205
2.696			-0.039	0.02				
2.695	-0.203	0.07	-0.06		-0.319	0		0.195
2.701	-0.676	0.052	0.119		-0.853		-0.141	0.213
2.7	-0.526	-0.003			-0.239	-0.103	-0.396	0.252
2.702					-0.105		0.124	
2.704	0.523		0.474	0.021		-0.043		
2.7	-0.489		-0.02		-0.202	-0.1	-0.376	0.249
2.7	-0.504	-0.004	0.012		-0.22	-0.105	-0.404	0.254
2.702		0.026	0.599		-0.645			
2.704	-0.189		-0.195	0.019			-0.049	
2.687							-0.002	
2.703	0.785		0.046	0.02	0.81	-0.052		-0.324
2.699		0.047	0.037			-0.066	-0.212	0.24
2.695		0.077	-0.014		-0.172	-0.007		0.197

2.701	-0.718	0.048	0.306	0.019	-1.043		-0.186	0.206
2.696		0.029						0.074
2.708	0.622	0.034	0.528	0.022				
2.7	-0.471	0	-0.042		-0.159	-0.103	-0.38	0.254
2.703	0.2	0.006	0.181					
2.695	-0.611	0.047			-0.666		-0.122	0.225
2.699		0.048			0.021	-0.063	-0.194	0.238
2.706		0.013				-0.053		0.073
2.703	0.785		0.054		0.805	-0.052		-0.33
2.695		0.049	-0.334	0.565	0.17		0.066	0.141
2.698		0.038	-0.094	0.373			0.039	0.01
2.702	0.216		0.195					
2.699	-0.351		-0.076			-0.112	-0.401	0.276
2.7	-0.252		-0.299	0.421		-0.027		0.124
2.708		0.028	0.559	0.023	-0.614	-0.014		
2.705		0.017				-0.081		0.103
2.702	0.097	0.025	0.094	0.021		-0.021		-0.121
2.701		0.026	-0.117	0.02	0.098	-0.024		-0.059
2.706	0.196	0.046					0.139	
2.702			-0.115				0.145	
2.704	-1.026				-0.96		-0.212	0.198
2.708			0.389	0.022	-0.454		0.029	
2.703	-0.013	0.038			-0.094	-0.026		0.116
2.709	-0.18	0.025	0.523	0.023	-0.759			
2.708		0.023	-0.195	0.022			0.203	
2.693	1.195	0.081	-0.459	0.691	1.321		0.311	-0.114
2.701	-0.722	0.045	0.199	0.019	-0.948		-0.162	0.201
2.701		0.039			-0.242		0.232	
2.697		0.042	-0.264		0.123		0.056	0.133
2.702	-0.74	0.048	0.315		-1.069		-0.192	0.208
2.707	0.183	0.042					0.13	
2.703	-0.29	0.032	-0.179	0.02	-0.206			0.133
2.708	-0.334	0.023	0.525	0.023	-0.913			
2.699	-0.043				-0.062	-0.024		
2.698	0.508		0.474			-0.043		
2.704		-0.006					0.02	
2.699	-0.334	0.004	-0.093			-0.103	-0.351	0.254
2.703	-0.359				-0.345			
2.702	0.108						0.124	
2.709	-0.276	0.022	0.498	0.023	-0.823	-0.003		
2.703	0.465		-0.241	0.019	0.684	-0.054		
2.694	0.037	0.07	-0.131			-0.016		0.201
2.7	-0.482	0.06			-0.588		-0.099	0.221
2.703	-0.284	0.033	-0.203	0.02	-0.176		-0.001	0.137
2.702	0.315	0.045	-0.117		0.338	-0.043		0.141
2.702	0.101	0.025	0.101			-0.021		-0.129
2.704	-0.266		-0.195	0.02	-0.112			
2.699	-0.106		-0.134				-0.099	0.166

2.695	0.154	0.036			0.112	-0.023		-0.007
2.695	0.141	0.036	-0.006		0.101	-0.023		
2.693	-0.246	0.038	-0.17	0.613		-0.078	-0.264	0.382
2.701		0.025	-0.109		0.094	-0.023		-0.066
2.698		0.034	-0.129	0.371	0.064			0.023
2.7		-0.007				-0.016		
2.696	0.179	0.037	0.024		0.112	-0.023		-0.011
2.699	0.212	0.032	-0.02	0.326	0.187			-0.057
2.698			-0.143		0.129		-0.038	
2.696	0.079	0.039	0.022			-0.018		0.011
2.699	0.443				0.217	0.01	0.185	
2.7			-0.19		0.116			0.117
2.696	0.032	0.025	0.032			-0.021		-0.084
2.709		-0.008	-0.005	0.022				
2.701	-0.722	0.044	0.203		-0.948		-0.163	0.193
2.695	0.247	0.029	-0.042		0.273	-0.032		-0.036
2.699			-0.162		0.089		-0.008	0.121
2.708						-0.038		0.07
2.702			0.436		-0.442	-0.021		
2.696		0.041	0.009		-0.076	-0.014		0.03
2.701	0.599	0.033	0.522					
2.708			0.406	0.022	-0.44			
2.698	-0.39	0.025			-0.418		-0.052	0.124
2.699	-0.004	0.033	-0.062	0.343				0.003
2.708	0.295		0.303	0.022		-0.046		
2.699	0.47				0.251		0.185	
2.698			-0.365	0.502	0.295	-0.038		0.149
2.701	-0.365		0.498		-0.886			
2.702	-0.128	0.038	-0.257	0.02			0.031	0.137
2.699	0.212		-0.028		0.182	-0.037		0.106
2.7	0.163				0.101	-0.033		0.104
2.7			-0.064				-0.016	0.111
2.701	0.37		-0.16	0.197	0.557	-0.042		-0.166
2.702		0.024	-0.188				0.208	
2.702		0.015	0.438		-0.462			
2.699	0.187		-0.043		0.166	-0.036		0.11
2.7	-0.234		-0.3	0.424		-0.024		0.137
2.702		0.054	-0.442			0.07	0.41	
2.7	0.176	0.034	0.115	0.281			0.036	-0.097
2.703	-0.3	0.032	-0.178		-0.215			0.133
2.7	0.096		0.03			-0.028		0.102
2.699			-0.225		0.144		-0.002	0.126
2.696	-0.151	0.038	0.207		-0.388		-0.051	
2.701	-0.557		-0.203	0.34	-0.36		-0.086	0.148
2.699	-0.176		-0.301	0.422	0.057	-0.027		0.139
2.702	-0.179		0.494		-0.698			
2.695			-0.063		0.333	-0.124	-0.373	0.262
2.703	-0.299	0.032	-0.203		-0.188		-0.004	0.137

2.701	-0.227		0.52		-0.775	-0.003		
2.702	-0.235		0.521		-0.785		-0.001	
2.7					-0.054		-0.031	0.109
2.696	-0.062	0.046	-0.199	0.521			0.043	0.128
2.696	-0.087	0.047	0.075		-0.256			0.048
2.696	0.137	0.051	-0.236	0.544	0.201		0.077	0.126
2.696		0.046	0.154		-0.228		-0.022	0.031
2.707			0.408	0.022	-0.503		0.05	
2.707			0.384	0.022	-0.484	-0.003	0.059	
2.707			0.535	0.022	-0.579	-0.014		
2.7			0.062		-0.138	-0.02		0.102
2.702						-0.034	0.057	
2.7		0.033	0.087	0.018	0.003	-0.074	-0.232	0.218
2.697		0.042	-0.179	0.439	0.055		0.044	0.087
2.698			-0.236				0.238	
2.7			-0.014		-0.036		-0.049	0.123
2.699		0.042	-0.174	0.018	0.168	-0.057	-0.13	0.215
2.708		0.055	-0.458	0.02		0.071	0.413	
2.702			0.398		-0.453		0.032	
2.698	0.004	0.04	-0.106	0.404			0.038	0.06
2.703		0.043	-0.206	0.02	0.057		0.052	0.124
2.701	0.658				0.701	-0.072		
2.695		0.034	0.108			-0.062	-0.209	0.076
2.708		0.016	0.381	0.023	-0.404	-0.027		
2.704	-0.432	0.025			-0.468		-0.055	0.123
2.709		-0.002						0.039
2.694	0.282	0.034			0.358	-0.062	-0.137	
2.703		-0.008	0.007					
2.702	-0.2	0.037	0.255	0.02	-0.487		-0.064	
2.702	-0.132	0.038	-0.26				0.03	0.137
2.701	-0.151	0.074	0.037	0.019	-0.381			0.186
2.702		0.04	0.746		-0.823			
2.706	0.113		0.041	0.02		-0.029		0.094
2.706	0.144		0.029	0.02	0.046	-0.032		0.094
2.702	0.176	0.033	0.057	0.02	0.08	-0.023		-0.042
2.695	-0.15	0.026	-0.027	0.431		-0.076	-0.252	0.23
2.703	-0.006	-0.009						
2.702	0.119	0.035	0.069	0.02		-0.019		-0.029
2.702	0.233	0.028	0.026	0.02	0.185	-0.028		-0.06
2.704		0.027					-0.145	0.167
2.703		-0.008			0.004			
2.696	-0.275	0.026	-0.037	0.4	-0.124	-0.068	-0.245	0.229
2.706			-0.136	0.02	0.054			0.106
2.705	0.126		0.004	0.02	0.048	-0.031		0.1
2.701	0.085	0.038	0.045	0.02	-0.024	-0.018		
2.694		0.031			0.107	-0.065	-0.2	0.087
2.696	0.112	0.034	0.09			-0.031		
2.706			-0.077	0.02			-0.008	0.102

2.702	0.294		0.315			-0.045		
2.706			0.091	0.02	-0.171	-0.02		0.092
2.701	0.121	0.035	0.088	0.021		-0.032		
2.695	0.047	0.074	-0.15				0.011	0.204
2.705			-0.094	0.02	0.015		-0.013	0.111
2.701	-0.254	0.069	-0.013	0.019	-0.424	0.004		0.184
2.702		0.038	0.066	0.02	-0.134	-0.012		0
2.696	-0.058	0.042	-0.231	0.525	0.066			0.146
2.704			-0.108	0.02	0.084		-0.041	
2.703			-0.249	0.02			0.238	
2.695	0.098	0.037	0.176			-0.05	-0.159	
2.701		0.08	0.144	0.019	-0.332		-0.031	0.194
2.694	-0.105	0.032				-0.062	-0.214	0.12
2.708			0.043	0.022	-0.171		0.115	
2.704		0.042			-0.119		0.065	
2.7		0.033	0.091		0	-0.075	-0.233	0.219
2.698	-0.039	0.035	-0.105	0.385	-0.012			0.066
2.702			0.411		-0.432			
2.702		0.027	0.55		-0.589	-0.015		
2.693		0.039	-0.164	0.588	0.2	-0.07	-0.181	0.286
2.695	0.715	0.043			0.704	-0.046		-0.147
2.702	0.178	0.032	0.061		0.081	-0.023		-0.05
2.701			0.395		-0.478	-0.004	0.056	
2.702	0.122	0.034	0.076			-0.019		-0.037
2.696	-0.246	0.016	-0.074	0.447		-0.086	-0.278	0.227
2.701			0.379		-0.47		0.063	
2.702	0.233	0.028	0.033		0.18	-0.028		-0.068
2.696	-0.232	0.016	-0.053	0.438		-0.087	-0.283	0.219
2.699	0.393	0.045	0.004	0.398	0.258		0.079	-0.02
2.7		0.019	-0.097	0.018	0.246	-0.095	-0.259	0.228
2.701	0.19	0.029			0.161	-0.027		-0.046
2.701		0.076	0.038	0.019	-0.232	-0.006		0.187
2.705	-0.075		-0.118	0.019			-0.087	0.153
2.695		0.031	-0.033	0.473	0.122	-0.073	-0.212	0.217
2.705			-0.174	0.02	0.085		-0.002	0.115
2.702		0.043	0.201	0.02	-0.274		-0.023	0.001
2.699		0.041	-0.173		0.169	-0.058	-0.131	0.216
2.706	0.112		0.041			-0.029		0.095
2.708	-0.285		0.338	0.022	-0.705		0.045	
2.706	0.139		0.035		0.035	-0.032		0.093
2.694	-0.115	0.021	-0.131	0.516	0.163	-0.09	-0.269	0.272
2.695		0.045	0.027	0.549		-0.063	-0.189	0.267
2.703		0.042	-0.203		0.054		0.052	0.124
2.706			0.019	0.02	-0.08		-0.043	0.11
2.706	0.155				0.084	-0.033		0.1
2.695		0.028	0.146		-0.032	-0.054	-0.183	
2.7	0.733		-0.105	0.286	0.907	-0.067		-0.15
2.702	-0.066	0.044	0.129	0.02	-0.285			0.013

2.7	-0.103		0.097		-0.29			0.1
2.702		0.037	0.073		-0.137	-0.012		-0.008
2.7	0.038						-0.048	0.112
2.706			-0.132		0.05			0.105
2.702	-0.163	0.023	0.516		-0.721			
2.706			-0.077				-0.007	0.103
2.706			0.093		-0.173	-0.02		0.092
2.706	0.108		0.011		0.022	-0.03		0.1
2.708			-0.129	0.022		-0.008	0.14	
2.708	0.043		-0.103	0.022			0.147	
2.697		0.033			-0.025	-0.025		
2.696	0.09	0.041	0.005				0.016	0.004
2.702	-0.317	0.022	0.52		-0.876			
2.705			-0.091		0.011		-0.013	0.11
2.702	-0.252	0.02	0.492		-0.777	-0.005		
2.695	-0.1	0.02	-0.1	0.458	0.145	-0.085	-0.252	0.225
2.701			0.535		-0.564	-0.015		
2.697	0.023	0.033				-0.026		
2.701	-0.16	0.074	0.038		-0.389			0.185
2.695	0.666	0.024			0.768	-0.071	-0.084	-0.143
2.694		0.026	-0.145	0.537	0.252	-0.084	-0.225	0.254
2.701	-0.494	0.042			-0.554		-0.092	0.159
2.701	-0.197	0.073			-0.39	0.003		0.189
2.706		0.034			-0.095	-0.003	0.051	
2.706		0.035			-0.102		0.056	
2.697			-0.049	0.366	0.299	-0.108	-0.322	0.138
2.703	0.113	0.027	0.073	0.022			0.037	-0.149
2.695	0.862	0.032	-0.067		0.962	-0.06		-0.195
2.698		0.028						0.069
2.708			0.335	0.022	-0.392	-0.017	0.029	
2.698	-0.719		-0.135		-0.549		-0.115	0.153
2.708	-0.345		0.4	0.023	-0.783			
2.708	-0.158		0.411	0.022	-0.602	-0.014		
2.706					-0.067		-0.022	0.1
2.708	-0.193		0.414	0.022	-0.672	-0.004	0.02	
2.695	-0.277	0.017	-0.104	0.476		-0.089	-0.294	0.275
2.708	-0.174		0.398	0.022	-0.641		0.024	
2.701			-0.046	0.435		-0.032		0.092
2.708	-0.339		0.436	0.023	-0.817	-0.002		
2.702		0.043	0.208		-0.277		-0.023	-0.007
2.695		0.033	-0.014			-0.026		
2.701	-0.27	0.069	-0.004		-0.449	0.005		0.183
2.699	0.059	0.034			0.029	-0.025		
2.699	0.033	0.035				-0.022		
2.697	0.69		-0.243	0.636	0.908	-0.074		0.11
2.7	0.033	0.033				-0.023		
2.709			0.047	0.022		-0.046		
2.696	-0.231	0.059	0.01		-0.387	0.001		0.167

2.699		0.035			-0.036	-0.02		
2.702	-0.063	0.043	0.135		-0.284			0.005
2.693		0.032				-0.029	-0.006	
2.705	-0.076		-0.118				-0.087	0.153
2.706	-0.127		0.138	0.021	-0.361			0.089
2.692		0.032				-0.028		
2.702	-0.086				-0.204		0.125	
2.7		0.032			-0.033	-0.02		
2.702	0.165	0.023	0.045	0.021	0.109			-0.148
2.703	0.117	0.026	0.08				0.036	-0.157
2.701		0.08	0.149		-0.335		-0.032	0.194
2.7	-0.297		-0.35	0.41			-0.032	0.146
2.702					-0.113	-0.006	0.123	
2.706			0.021		-0.082		-0.042	0.11
2.701	-0.371		-0.303	0.386	-0.14			0.128
2.708			0.345	0.022	-0.363	-0.027		
2.705			-0.17		0.082		-0.003	0.115
2.702			0.004		-0.129		0.129	
2.696	-0.322		-0.045	0.413		-0.112	-0.402	0.272
2.696		0.026	-0.121		0.078		0.032	-0.077
2.7	-0.297		-0.352	0.416			-0.04	0.154
2.701	-0.386		-0.28	0.374	-0.182			0.129
2.694	0.289	0.016	-0.061		0.514	-0.084	-0.186	
2.705	0.514		0.437	0.021				
2.696	0.136	0.023	-0.023		0.152			-0.117
2.702		0.025	-0.053	0.021	0.01		0.026	-0.1
2.699		0.019	-0.093		0.245	-0.095	-0.262	0.228
2.702	0.103					-0.014	0.117	
2.701		0.076	0.042		-0.236	-0.005		0.186
2.701		0.026						0.065
2.695		0.031	0.015			-0.031	-0.029	
2.699		0.033	-0.025	0.02		-0.026		
2.708	0.309		0.2	0.022			0.079	
2.7	0.053	0.068	-0.118	0.018		-0.017		0.192
2.696	-0.228		-0.107	0.447	0.146	-0.115	-0.377	0.264
2.696		0.032				-0.027	-0.019	
2.696		0.032				-0.027	-0.019	
2.702	0.04		-0.099				0.152	
2.702	0.168	0.022	0.052		0.108			-0.156
2.696	0.498		-0.139		0.711	-0.055		-0.155
2.696	0.039	0.026	0.008				0.028	-0.107
2.702			-0.128			-0.004	0.15	
2.7	-0.286		-0.359	0.413				0.133
2.697			-0.19	0.397	0.405	-0.102	-0.272	0.142
2.7	-0.286	0.025			-0.317			
2.699	0.503		0.44					
2.696	-0.253		-0.136	0.391	0.122	-0.102	-0.333	0.217
2.694	-0.497	0.03			-0.35	-0.07	-0.316	0.278

2.704	-0.746		-0.071	0.02	-0.643		-0.124	0.144
2.706	-0.133		0.143		-0.372			0.089
2.701	0.214					0.032	0.156	
2.697	-0.285		-0.024	0.367		-0.103	-0.357	0.21
2.697		0.034	-0.019			-0.021		
2.702		0.015	0.386		-0.396	-0.027		
2.698		0.032	-0.018			-0.022		
2.697	-0.353		-0.105	0.386		-0.102	-0.357	0.244
2.696	-0.337		-0.128	0.414	0.042	-0.106	-0.364	0.263
2.707			0.321	0.022	-0.43	-0.004	0.066	
2.701	0.104	0.036	0.176	0.019		-0.051	-0.161	
2.702		0.025	-0.045		0.006		0.025	-0.108
2.708		0.078	0.364	0.022	-0.751	0.067	0.265	
2.7	0.23					0.036	0.168	
2.694	-0.667	0.019	0.181		-0.628	-0.074	-0.385	0.272
2.693		0.033				-0.023		
2.708	0.272		0.212	0.022		-0.032	0.05	
2.694	-0.193	0.024	-0.079			-0.061	-0.199	0.117
2.699		0.031	0.003	0.02		-0.03	-0.028	
2.7		0.029	0.11	0.019		-0.062	-0.205	0.048
2.694	0.371	0.058	-0.026		0.309	-0.027		
2.701	0.853	0.031	-0.001	0.02	0.882	-0.057		-0.221
2.694	-0.456	0.023			-0.314	-0.061	-0.262	0.187
2.697	-0.423		0.025	0.348	-0.173	-0.104	-0.4	0.262
2.705	-0.756		-0.067		-0.654		-0.125	0.144
2.701	-0.228		0.296		-0.61		0.065	
2.702	0.138	0.038	0.052	0.02			0.025	-0.039
2.694		0.025	-0.118		0.207	-0.059	-0.146	0.057
2.703		0.033	-0.03	0.02		-0.022		
2.704		0.03	-0.027	0.02		-0.022		
2.695	0.132	0.037	-0.24		0.268		0.062	
2.696	-0.519		-0.059	0.391	-0.191	-0.104	-0.405	0.31
2.701		0.03	0.177	0.02	-0.08	-0.052	-0.18	
2.702	0.311		0.211				0.082	
2.695			0.054		0.208	-0.096	-0.304	0.045
2.696	-0.318		-0.051	0.399		-0.109	-0.384	0.27
2.695	-0.191		0.086			-0.096	-0.345	0.102
2.694		0.007	-0.031		0.248	-0.088	-0.254	0.052
2.702			0.059			-0.045		
2.694	-0.63	0.024	0.009		-0.48	-0.065	-0.314	0.266
2.696	-0.319		-0.053	0.396	-0.002	-0.107	-0.375	0.26
2.695	0.122		0.042		0.331	-0.095	-0.272	
2.703		0.027	0.189	0.238	-0.206	-0.014		-0.089
2.695	0.031				0.283	-0.096	-0.288	0.042
2.708	0.254	0.01	0.255	0.022		-0.047		
2.694	0.129	0.025	-0.132		0.335	-0.056	-0.107	
2.702	0.488		-0.071	0.02	0.626	-0.052		-0.178
2.695	0.151		0.014		0.384	-0.096	-0.265	-0.001

2.695			-0.165	0.523	0.42	-0.124	-0.357	0.261
2.701	0.748	0.037			0.748	-0.049		-0.185
2.697			-0.189		0.224	-0.029		-0.116
2.702		0.024	0.131	0.231	-0.135		-0.031	-0.076
2.702			0.338		-0.392	-0.014	0.036	
2.698		0.02	0.128	0.355		-0.067	-0.192	0.073
2.694	0.153	0.018	-0.145		0.411	-0.067	-0.136	0.007
2.7		0.028	0.115			-0.062	-0.206	0.041
2.704		0.017	0.47	0.021	-0.505	-0.026		
2.7	0.049	0.068	-0.121			-0.017		0.192
2.702	0.14	0.037	0.058				0.025	-0.048
2.695	0.232	0.06	0.14			-0.012		-0.037
2.701	0.802	0.029			0.844	-0.059	-0.017	-0.21
2.701	0.853	0.03	0.006		0.877	-0.057		-0.228
2.706	0.052						-0.036	0.101
2.701	-0.12		0.385		-0.57	-0.004	0.036	
2.7			-0.018	0.018	0.272	-0.121	-0.364	0.248
2.702			-0.136	0.174	0.145	-0.025		-0.109
2.694	-0.716	0.018	0.054		-0.575	-0.07	-0.352	0.282
2.702	-0.099		0.367		-0.537		0.04	
2.702	0.482		-0.062		0.611	-0.051		-0.183
2.698	0.333		-0.195	0.562	0.458	-0.048		0.128
2.703	-0.07	0.03			-0.115			
2.702	-0.121		0.403		-0.541	-0.017		
2.701			0.264		-0.38	0	0.089	
2.694	-0.589	0.016			-0.385	-0.078	-0.351	0.276
2.708	0.231		0.235	0.022		-0.047		
2.694	-0.795	0.075	0.054	0.6	-0.982		-0.172	0.468
2.701	-0.34				-0.53	0.032	0.169	
2.702	-0.32		0.405		-0.752			
2.701	-0.291		0.438		-0.757	-0.005		
2.696	0.111	0.029	-0.038		0.092		0.041	-0.066
2.701			0.35		-0.355	-0.027		
2.699		0.037	-0.068				0.035	
2.703			-0.121	0.021	0.15	-0.026		-0.142
2.695	-0.631		0.145		-0.468	-0.095	-0.437	0.245
2.702	-0.27	0.059	0.069	0.019	-0.498	0.005		0.157
2.699		0.034			-0.049			
2.698	-0.302		-0.343			-0.026		0.135
2.7		0.031			-0.046			
2.701	0.274		0.215			-0.029	0.058	
2.695	-0.742		0.145		-0.566	-0.099	-0.473	0.293
2.694	0.396	0.034	-0.188		0.575	-0.042		-0.075
2.701		0.034	-0.063				0.033	
2.702		0.08	0.368		-0.759	0.071	0.277	
2.698		0.016	0.476		-0.498	-0.025		
2.696	-0.507				-0.522			
2.7		0.028			0.095	-0.061	-0.183	0.054

2.703			-0.111		0.14	-0.025		-0.148
2.703	0.06		0.086	0.098		-0.02		-0.179
2.701	0.068	0.036	-0.184	0.02	0.152		0.045	
2.704	0.102		0.132	0.081		-0.02		-0.201
2.7					-0.217	0.024	0.193	
2.698	-0.217		-0.417		0.158	-0.033		0.144
2.703			0.022	0.122		-0.02		-0.15
2.702	0.101	0.028	0.032	0.021	0.012		0.033	-0.086
2.7			0.253	0.234		-0.092	-0.316	0.042
2.694	-0.364		-0.038		-0.076	-0.088	-0.323	0.147
2.7	0.069	0.073	-0.139	0.018			0.019	0.193
2.704	0.081		0.114	0.021		-0.02		-0.205
2.705			0.073	0.021		-0.048	-0.073	
2.7	0.225	0.015	-0.015	0.019	0.398	-0.081	-0.194	
2.697			-0.055	0.39	0.292	-0.107	-0.309	0.173
2.7			-0.013		0.268	-0.121	-0.365	0.248
2.7	-0.082	0.031				-0.056	-0.184	0.08
2.691	0.525	0.083	-0.235	0.788	0.585	-0.041		0.216
2.706		0.034	-0.078	0.02			0.035	
2.704	0.087		0.123			-0.019		-0.212
2.695	0.257	0.063	0.138				0.019	-0.048
2.701			-0.226	0.252	0.241	-0.034		-0.037
2.706		0.034	-0.075	0.02			0.033	
2.695	0.191	0.063	0.149		-0.067			-0.028
2.7	0.037	0.028						
2.697	0.054	0.032	0.017					
2.695	-0.215	0.001	0.041			-0.089	-0.304	0.093
2.699	-0.358		-0.313		-0.103	-0.019		0.14
2.698	0.04	0.032						
2.698			-0.412		0.384	-0.046		0.138
2.695	0.648	0.063			0.487		0.117	-0.156
2.701	0.273	0.056	0.187	0.02		-0.013		-0.076
2.695	0.136	0.064	0.138		-0.117		-0.007	
2.694		0.044	-0.357	0.557	0.268	-0.033		0.158
2.698		0.031				-0.037		0.091
2.702	0.097	0.027	0.04		0.005		0.031	-0.093
2.702	-0.286	0.059	0.076		-0.521	0.006		0.157
2.693	-0.218	0.03	-0.075			-0.084	-0.297	0.273
2.694	-0.195	0.009	0.027			-0.087	-0.304	0.153
2.695		0.062	0.163		-0.26		-0.036	0.027
2.702	0.25	0.009	0.264			-0.047		
2.696	-0.458				-0.475	-0.003		
2.698	0.021		0.055			-0.019		-0.169
2.702					0.06	-0.044		
2.705	0.044	0.037	0.089	0.021	-0.134		-0.015	0.103
2.699	0.124	0.039	0.041		-0.008		-0.002	0.109
2.702	-0.059					-0.04		
2.697		0.031	-0.032					

2.698			0.078			-0.046	-0.068	
2.698	0.961		-0.365	0.369	1.419	-0.088		-0.192
2.696		0.034	-0.035					
2.702	0.059	0.032	0.01	0.02				
2.704		-0.01					0.036	
2.692		0.072	-0.072	0.686		-0.048	-0.15	0.315
2.696	0.255		-0.434		0.705	-0.054		
2.7	0.309	0.059	0.022	0.019	0.183	-0.022		
2.7		0.007	0.024	0.019	0.174	-0.081	-0.238	0.02
2.701	0.194		0.076	0.019	0.346	-0.09	-0.245	-0.047
2.701	0.275	0.055	0.192			-0.013		-0.085
2.701	0.057		0.093	0.019	0.204	-0.091	-0.278	
2.707	0.677	0.037	0.614	0.022		-0.046		
2.701			0.104	0.019	0.14	-0.09	-0.288	0.012
2.695		0.059	0.048		-0.157	-0.005		0.022
2.699	0.176						0.134	
2.701	0.233		0.249			-0.046		
2.694	-0.222	0.001	0.019		0.016	-0.093	-0.317	0.131
2.708	0.508	0.073	0.134	0.021		0.034	0.291	
2.701	-0.118		0.136	0.019		-0.09	-0.314	0.045
2.709		0.049	0.089	0.022	-0.365	0.033	0.222	
2.7	0.064	0.072	-0.143				0.018	0.194
2.694	0.048	0.067	-0.008	0.597		-0.045	-0.137	0.237
2.708	0.361	0.061	0.024	0.021		0.029	0.277	
2.704		0.028	-0.042	0.02				
2.7		0.024	-0.079	0.019	0.152	-0.054	-0.13	0.023
2.702		-0.002				-0.038	0.046	
2.702		0.07			-0.416	0.071	0.341	
2.7	-0.135	0.024	-0.049	0.019		-0.054	-0.163	0.064
2.702		0.032	-0.045	0.02				
2.7	0.06	0.024	-0.088	0.019	0.214	-0.053	-0.112	
2.694		0.06	-0.056	0.581	0.034	-0.053	-0.163	0.245
2.7			-0.29	0.471	0.202		0.016	0.115
2.699	-0.145				-0.324		0.175	
2.7			-0.256	0.467	0.177			0.119
2.7	0.176	0.021	-0.114	0.019	0.364	-0.057	-0.099	-0.033
2.701	0.204		0.082		0.349	-0.089	-0.241	-0.056
2.699	-0.5		-0.275		-0.287			0.131
2.708	0.178	0.044	0.346	0.022	-0.351		0.133	
2.702	0.399	0.072				0.046	0.335	
2.703	0.022					-0.018		
2.7		0.007	0.032		0.17	-0.081	-0.239	0.013
2.702	0.307	0.061	0.186	0.02			0.027	-0.092
2.704	-0.27		-0.318	0.02		-0.027		0.126
2.701			0.113		0.131	-0.09	-0.286	0.006
2.703						-0.023	-0.016	
2.709		0.037	0.422	0.022	-0.568	0.009	0.091	
2.69		0.031					0.008	

2.706	0.022	0.036	0.1		-0.16		-0.021	0.103
2.708		0.037	0.367	0.022	-0.522		0.111	
2.7	-0.692	0.02	0.23	0.018	-0.72	-0.069	-0.377	0.261
2.701	0.344				0.551	-0.089	-0.2	-0.091
2.701	-0.11		0.143			-0.089	-0.311	0.037
2.695		0.013	0.085		0.103	-0.08	-0.25	0.09
2.692		0.03					0.001	
2.702	0.215	0.06	0.2	0.02	-0.092			-0.064
2.701	0.103		0.035	0.454		-0.029		0.094
2.708		0.039	0.435	0.022	-0.584		0.097	
2.702	0.52	0.076	0.135			0.039	0.309	
2.703					-0.018	-0.018		
2.708	0.336	0.054	0.225	0.022	-0.142	0.014	0.192	
2.708	0.462	0.058	0.177	0.022		0.015	0.223	
2.695	0.045	0.04	-0.311		0.274	-0.036		0.166
2.702	0.331	0.059				0.033	0.288	
2.7			-0.217	0.463	0.132		-0.006	0.124
2.702	-0.004		0.014	0.151		-0.023		-0.107
2.7	0.385	0.03	-0.152	0.019	0.53	-0.042		-0.102
2.694	0.019	0.063	-0.139	0.598		-0.019		0.24
2.694		0.063	-0.153	0.603	-0.008	-0.019		0.247
2.7		0.023	-0.075		0.152	-0.054	-0.131	0.016
2.7	-0.136	0.023	-0.044			-0.055	-0.165	0.057
2.709	0.258	0.006	0.232	0.022				
2.693	0.889	0.053	-0.284	0.647	1.118	-0.069		0.028
2.709	0.2		0.183	0.022				
2.702		0.049			-0.301	0.043	0.263	
2.708			-0.012	0.021		-0.021		
2.702	0.253	0.058			-0.069	0.034	0.28	
2.703	-0.246		0.138	0.353	-0.362		-0.122	0.114
2.704	-0.259		-0.358	0.019	0.045	-0.029		0.134
2.7	-0.252	0.022			-0.146	-0.054	-0.192	0.083
2.702	0.331	0.06	0.002			0.032	0.285	
2.701	-0.12	0.004	0.097	0.02		-0.08	-0.261	0.033
2.701					0.023	-0.031	-0.032	
2.7	0.162	0.02	-0.106		0.348	-0.058	-0.104	-0.036
2.696	1.102		-0.157		1.386	-0.082		-0.323
2.695	0.158	0.053	-0.131	0.528	0.175	-0.028		0.16
2.695	0.125	0.063	-0.083	0.583	0.058	-0.022		0.212
2.691	0.15		0.136			-0.035		
2.69	0.832	0.085	-0.534	0.889	1.019		0.244	0.124
2.702			-0.001			-0.021		
2.701	0.074	0.062	0.186	0.02	-0.224		-0.022	
2.702	0.919	0.06			0.74		0.176	-0.272
2.702	0.309	0.06	0.192				0.027	-0.1
2.708		-0.009	0.033	0.022		-0.046		
2.701		0.059	0.208	0.02	-0.303		-0.037	-0.003
2.7	-0.711	0.02	0.238		-0.744	-0.07	-0.383	0.263

2.705	-0.4		-0.249	0.02	-0.219	-0.015		0.128
2.708	0.258	0.052	0.281	0.022	-0.25		0.173	
2.703	0.218		0.021	0.083	0.201		0.024	-0.232
2.704	-0.272		-0.32			-0.027		0.127
2.704			0.111	0.071	-0.097	-0.012		-0.187
2.703	0.127		0.044	0.081	0.098			-0.204
2.708	0.275	0.05	0.241	0.022	-0.193		0.177	
2.702	0.218	0.059	0.206		-0.092			-0.072
2.704	0.269		0.051	0.021	0.226		0.03	-0.264
2.704	0.335		0.008	0.021	0.325		0.053	-0.282
2.699	-0.664	0.024	0.048	0.018	-0.569	-0.06	-0.306	0.254
2.703	0.129		0.034	0.088	0.112			-0.201
2.704	0.049		0.07	0.076			-0.016	-0.184
2.708	0.447	0.052	0.202	0.022			0.196	
2.701			-0.071	0.434			-0.013	0.104
2.7	0.654	0.036	0.607			-0.045		
2.704	0.145		0.073	0.021	0.091			-0.225
2.704					-0.059		0.027	
2.704	0.28		0.059		0.23		0.031	-0.272
2.704			0.076	0.077	-0.051		-0.029	-0.169
2.704	0.447				0.439		0.074	-0.32
2.704	0.323		0.015		0.309		0.051	-0.283
2.703			0.018	0.095			-0.018	-0.16
2.704	0.065		0.09	0.021			-0.015	-0.204
2.699	-0.355		-0.397				-0.041	0.162
2.7	0.386	0.029	-0.147		0.53	-0.041		-0.11
2.704	0.057		0.07	0.073				-0.195
2.708	0.46	0.055	0.198	0.022			0.21	
2.704	0.149		0.083		0.089			-0.232
2.698	0.115		0.008		0.13			-0.195
2.698	0.123				0.144		0.003	-0.196
2.695	0.252	0.047	-0.215	0.562	0.374	-0.039		0.156
2.701	-0.116	0.004	0.104			-0.08	-0.262	0.025
2.698	0.134		0.022		0.136		-0.001	-0.201
2.698			0.027		0.006		-0.025	-0.16
2.698	-0.001		0.032				-0.026	-0.161
2.704			-0.353	0.019	0.316	-0.044		0.126
2.704			0.086	0.021	-0.057		-0.027	-0.182
2.7	-0.078		-0.117	0.443			-0.085	0.15
2.698	0.241		-0.022		0.274		0.03	-0.232
2.702	0.379				0.364			
2.704	0.072		0.099				-0.014	-0.211
2.699	0.302		0.12				0.155	
2.703	0.029		0.049	0.087			-0.009	-0.178
2.694		0.05	0.033		0.007	-0.066	-0.214	0.249
2.702	0.136		0.011	0.153	0.129	-0.025		-0.103
2.697	0.15		0.124	0.02		-0.036		
2.703			0.005	0.102	0.011		-0.01	-0.16

2.703			-0.001	0.097	0.007			-0.165
2.7	-0.635	0.017	0.081	0.018	-0.541	-0.065	-0.319	0.225
2.691	0.297	0.064	-0.348	0.703	0.533	-0.047	-0.03	0.216
2.691		0.064	-0.294	0.714	0.214	-0.051	-0.109	0.319
2.702	1.396	0.055	-0.057	0.021	1.25		0.284	-0.435
2.699	0.336		0.169			-0.004	0.139	
2.704			0.096		-0.065		-0.028	-0.188
2.702		0.049	0.036		-0.318	0.037	0.243	
2.701	-0.556		0.186	0.019	-0.459	-0.09	-0.404	0.194
2.708	0.423	0.054	0.165	0.022			0.21	
2.691	0.364	0.069	-0.369	0.731	0.591	-0.043		0.21
2.705	0.317		0.124	0.021			0.152	
2.705	0.336		0.153	0.021		-0.004	0.142	
2.695	-0.566	0.064	0.229		-0.861		-0.158	0.231
2.702	0.457	0.056	0.193			0.014	0.218	
2.701		0.057	0.104	0.02	-0.213	-0.003		-0.008
2.704	-0.277		-0.353		0.021	-0.028		0.134
2.7	-0.138		-0.048	0.019	0.115	-0.081	-0.246	0.045
2.694	-0.165	0.072	-0.075	0.593	-0.288			0.279
2.702		0.058	0.215		-0.305		-0.038	-0.01
2.697	-0.327	0.055	0.134	0.368	-0.55		-0.083	0.18
2.696	1.371	0.056	-0.124		1.296		0.285	-0.405
2.705	-0.411		-0.245		-0.232	-0.014		0.128
2.705	-0.507		-0.224	0.02	-0.352			0.12
2.7	0.22					0.012	0.195	
2.699	-0.523	0.028			-0.39	-0.067	-0.306	0.268
2.702	1.095		-0.091	0.02	1.306	-0.079		-0.347
2.691	-0.182	0.064	-0.245	0.703		-0.05	-0.151	0.367
2.702	0.275	0.046	0.306		-0.224		0.157	
2.695	0.027	0.052	-0.061		-0.022		0.024	0.001
2.693	0.165	0.09	-0.05	0.693		-0.014		0.234
2.703	0.201		0.197					
2.699	-0.688	0.023	0.058		-0.596	-0.061	-0.314	0.256
2.703	0.256	0.005	0.244					
2.708		0.044	0.372	0.022	-0.551		0.124	
2.709		-0.013	0.012	0.022				
2.695	0.006	0.006	0.13		0.071	-0.072	-0.219	
2.701			0.034	0.432	-0.116	-0.021		0.101
2.701	-0.559		0.194		-0.47	-0.089	-0.403	0.189
2.702	0.309	-0.005			0.292			
2.698	-0.49		0.092		-0.513		-0.134	
2.7	-0.773		0.194	0.018	-0.66	-0.095	-0.468	0.281
2.702	0.426	0.056	0.191		-0.025	0.014	0.213	
2.701			-0.043	0.439	-0.013		-0.051	0.122
2.7	-0.635	0.016	0.085		-0.54	-0.065	-0.319	0.218
2.702	1.387	0.054	-0.049		1.237		0.281	-0.44
2.7	-0.144		-0.042		0.103	-0.08	-0.245	0.04
2.702	1.089		-0.081		1.291	-0.079		-0.352

2.706	0.291		0.096	0.021		-0.001	0.154	
2.701	0.441	0.054	0.193				0.212	
2.702	0.449	0.052	0.213				0.2	
2.702		0.036	0.34		-0.488		0.121	
2.7	0.26		0.068			0.003	0.166	
2.692					-0.022	-0.024		
2.704			-0.348		0.311	-0.044		0.126
2.701		0.056	0.11		-0.216	-0.003		-0.015
2.705	-0.514		-0.221		-0.362			0.12
2.702	0.187		-0.388	0.019	0.576	-0.049		
2.702	0.583	0.106				0.085	0.455	
2.694	-0.465	-0.001	-0.067		-0.109	-0.106	-0.389	0.263
2.7					-0.097	0.003	0.054	
2.7	-0.133	0.008	0.073	0.019		-0.083	-0.279	0.102
2.701	0.645				0.543	-0.036	0.113	
2.703	-0.371				-0.34			
2.701	0.346	0.054	0.247		-0.136		0.194	
2.698	-0.565		0.123		-0.612		-0.146	0.022
2.702	0.35	0.052	0.199		-0.083		0.2	
2.702		0.038	0.443		-0.581		0.099	
2.695		0.069	-0.006	0.557	-0.175		0	0.222
2.701	-0.792		0.204		-0.687	-0.094	-0.471	0.282
2.696	0.292		-0.541	0.595	0.822	-0.068		0.139
2.7	-0.341				-0.389	-0.012		0.095
2.7	-0.206	0.002	0.08	0.019	-0.052	-0.086	-0.298	0.097
2.69	0.015					-0.026		
2.692	0.668	0.058	-0.417	0.69	0.974	-0.054	0.037	0.097
2.702		0.035	0.432		-0.557	0.008	0.086	
2.702		-0.009	0.045			-0.045		
2.701	0.422	0.054	0.172				0.215	
2.708			-0.021	0.021			-0.005	
2.705	0.303	0.048				0.05	0.226	
2.692	0.463	0.1	-0.156	0.772	0.321		0.095	0.191
2.704	-0.537		0.149	0.02	-0.62		-0.146	
2.689			-0.007			-0.027		
2.699	-0.473	0.013			-0.285	-0.075	-0.313	0.208
2.702			-0.012				-0.003	
2.702	0.208	0.036					0.206	
2.688						-0.029	-0.003	
2.698	0.004	0.037	-0.051	0.399		-0.023		0.039
2.696	-0.039				-0.07	-0.015		
2.703		-0.014	0.025					
2.7	-0.131	0.007	0.079			-0.083	-0.28	0.095
2.708	-0.232	0.022	0.572	0.023	-0.854			
2.708	-0.267	0.021	0.565	0.023	-0.88	0.001		
2.708	-0.264	0.021	0.564	0.023	-0.875			
2.687			0.043			-0.037	-0.047	
2.704	-0.48		0.168	0.021	-0.584		-0.128	-0.021

2.701		0.012	0.136	0.019	0.038	-0.075	-0.237	0.057
2.7	-0.209	0.001	0.088		-0.058	-0.086	-0.299	0.09
2.704	-0.468		0.23	0.065	-0.627		-0.145	-0.015
2.704	-0.484		0.179		-0.595		-0.13	-0.025
2.701	0.001	0.04	-0.252	0.019	0.161	-0.032		0.154
2.703	-0.027	-0.016						
2.693	0.204	0.095	-0.045	0.689			0.03	0.214
2.692		0.089	-0.163	0.722	-0.064	-0.011		0.292
2.701	0.411	0.049			0.149		0.244	
2.703	-0.201		0.038	0.118	-0.213		-0.048	-0.073
2.691	0.559	0.054	-0.392	0.778	0.903	-0.076	-0.063	0.213
2.702	0.569				0.41		0.142	
2.698			-0.511	0.526	0.483	-0.05		0.143
2.694			-0.019	0.02		-0.028		
2.702	-0.046	-0.012				-0.042		
2.702		-0.012			0.047	-0.045		
2.701	0.216	0.049	-0.069	0.02	0.16		0.071	-0.085
2.701	-0.05	0.007	0.181	0.02	-0.049	-0.068	-0.222	
2.708		0.027	0.609	0.023	-0.662	-0.011		
2.702		0.025			-0.164		0.173	
2.701		0.011	0.143		0.036	-0.075	-0.238	0.05
2.693	0.116	0.093	-0.032	0.683	-0.085			0.24
2.703		-0.015			0.024			
2.702	0.723	0.082			0.275	0.046	0.366	
2.694	0.045	0.066	-0.148	0.584			0.028	0.221
2.703		0.029				-0.036		0.082
2.706	-0.384				-0.441	-0.01		0.091
2.699		0.033	-0.292				0.295	
2.692			0.027	0.02		-0.036	-0.043	
2.704	-0.322		-0.379	0.019			-0.031	0.15
2.708		0.033	0.68	0.023	-0.753			
2.702		0.042	0.323		-0.495		0.137	
2.699	-0.192	0.03	-0.065	0.017		-0.083	-0.284	0.262
2.703			0.057	0.107	-0.045		-0.014	-0.126
2.703	-0.047		0.005	0.12	-0.052			-0.114
2.693		0.093	-0.052	0.69	-0.181		-0.01	0.275
2.708		0.016	0.456	0.022	-0.479	-0.021		
2.703	-0.019		-0.014	0.13			-0.009	-0.108
2.698	-1.119		0.18		-1.189		-0.268	0.207
2.701	-0.599	0.062	0.276	0.019	-0.94		-0.166	0.223
2.701	-0.006		0.018	0.425	-0.119			0.1
2.701	0.205	0.048	-0.062		0.147		0.068	-0.089
2.702	0.75	0.069			0.388	0.022	0.307	
2.701	-0.014	0.039	-0.249		0.145	-0.031		0.154
2.695	-0.828	0.052	0.276		-1.117		-0.21	0.269
2.701	0.473	0.057			0.165		0.28	
2.705		0.034	-0.307	0.02			0.297	
2.702	0.04				0.084	-0.045		

2.709	0.365	0.018	0.311	0.022				
2.704	-0.324		-0.381				-0.031	0.15
2.708	-0.363		0.396	0.022	-0.78			
2.708		0.017	-0.163	0.021			0.179	
2.701	-0.624	0.061	0.286		-0.97		-0.172	0.224
2.694	1.724	0.088	-0.362	0.681	1.72		0.386	-0.264
2.702	-0.973		0.113	0.187	-1.012		-0.229	0.192
2.699	-0.2	0.029	-0.067			-0.084	-0.289	0.263
2.7		-0.009				-0.009		
2.692	0.448	0.088	-0.332	0.727	0.491		0.139	0.144
2.708			0.339	0.022	-0.34	-0.028		
2.708			0.098	0.022	-0.199		0.097	
2.704	0.552		0.505	0.021		-0.043		
2.7			-0.296			0.037	0.278	
2.7		0.051	0.08	0.018	-0.061	-0.061	-0.2	0.235
2.704	-1.135		0.234	0.02	-1.263		-0.272	0.198
2.703	-1.046		0.299	0.131	-1.237		-0.282	0.197
2.692	-0.745	0.049	-0.077	0.63	-0.602	-0.066	-0.339	0.522
2.702	-0.218	0.021	0.568		-0.821			
2.702		0.017	-0.154				0.183	
2.702	-0.242	0.02	0.562		-0.837	-0.001		
2.702	-0.242	0.02	0.561		-0.836			
2.701	0.789	0.062			0.469		0.284	
2.707	0.646	0.034	0.554	0.022				
2.704	-1.154		0.246		-1.29		-0.277	0.199
2.708	-0.445		0.489	0.022	-0.974	0.007		
2.709		0.037	-0.305	0.021		0.034	0.29	
2.698	0.541		0.508			-0.043		
2.708	-0.072		0.453	0.022	-0.549	-0.016		
2.7	-0.497	-0.002	-0.016	0.018	-0.206	-0.101	-0.385	0.251
2.708	-0.385		0.489	0.022	-0.914		0.003	
2.708	-0.136	0.038	0.717	0.023	-0.936			
2.708			0.431	0.022	-0.441	-0.024	-0.007	
2.697	-0.303	0.031	-0.223		-0.158		-0.007	0.143
2.708			-0.091	0.022		-0.013	0.119	
2.702		0.025	0.603		-0.641	-0.012		
2.702	0.361	0.017	0.32					
2.703	-0.426	-0.014			-0.407			
2.701	0.785		-0.009	0.161	0.854	-0.055		-0.285
2.708	-0.247		0.521	0.022	-0.794		-0.014	
2.697		0.042	-0.248	0.443	0.125		0.054	0.057
2.702		0.015	0.464		-0.474	-0.021		
2.703		0.04	-0.318			0.04	0.31	
2.695	-0.158	0.076	0.013		-0.362	0.003		0.196
2.702	-0.118				-0.212		0.117	
2.708		0.041	0.741	0.023	-0.829	-0.002		
2.708	0.04		-0.083	0.021			0.136	
2.702					-0.085	-0.01	0.113	

2.708	-0.308		0.554	0.022	-0.887	-0.002	-0.018	
2.694		0.027	-0.232	0.55	0.343	-0.086	-0.22	0.23
2.705			-0.31	0.02		0.037	0.279	
2.702		0.03	0.664		-0.72			
2.702			0.063		-0.159		0.109	
2.702	0.076					-0.016	0.108	
2.701	0.627	0.032	0.551					
2.701	0.787				0.841	-0.078		
2.7	-0.522	-0.003	-0.008		-0.23	-0.102	-0.393	0.252
2.7		0.051	0.083		-0.063	-0.061	-0.202	0.236
2.701	-0.739	0.048	0.308	0.019	-1.065		-0.191	0.214
2.702			-0.089			-0.01	0.127	
2.709	-0.088	0.027	0.543	0.023	-0.685	-0.01		
2.702	0.037		-0.078				0.14	
2.699	0.036	0.038	-0.056	0.359			0.042	-0.009
2.7	-0.248		-0.294	0.416		-0.027		0.123
2.702	-0.338		0.402		-0.749			
2.702			0.345		-0.332	-0.028		
2.709	-0.374	0.024	0.54	0.023	-0.973	0.005		
2.703	-0.346	0.03	-0.159	0.02	-0.263		-0.019	0.136
2.702	-0.739	0.048	0.315		-1.068		-0.192	0.207
2.708	0.213		0.234	0.022		-0.046		
2.708	0.305	0.008	0.311	0.022		-0.046		
2.698	0.108	0.034	-0.089	0.356	0.139			-0.011
2.7	0.318	0.053					0.257	
2.699	0.445				0.219	0.011	0.186	
2.695	0.156	0.035	-0.005		0.119	-0.023		-0.007
2.7			-0.191		0.117		0.001	0.117
2.708	0.304		0.287	0.022		-0.04	0.02	
2.702	-0.029		0.447		-0.485	-0.019		
2.693	-0.235	0.038	-0.155	0.609		-0.079	-0.268	0.379
2.702			0.436		-0.441	-0.021	0	
2.701	-0.327		0.447		-0.817		0.023	
2.699	-0.113		-0.36	0.47	0.179	-0.032		0.147
2.701	-0.601		-0.144	0.301	-0.448		-0.099	0.145
2.702	-0.399		0.494		-0.917	0.004		
2.699	0.187		-0.022		0.148	-0.035		0.106
2.703		0.055	-0.442			0.07	0.409	
2.703	-0.372	0.028	-0.152		-0.289		-0.025	0.136
2.702	-0.172		0.49		-0.689		0.002	
2.697	0.176	0.046	-0.164	0.46	0.191		0.074	0.065
2.702		-0.005				-0.033	0.056	
2.701	-0.235		0.525		-0.784	-0.003	-0.002	
2.707			0.457	0.022	-0.531	-0.008	0.031	
2.701	0.651	-0.006			0.695	-0.072		
2.708		0.055	-0.458	0.02		0.07	0.412	
2.702	-0.119	0.036	0.711		-0.899			
2.702	0.214		0.247			-0.046		

2.702	0.303	0.008	0.322			-0.046		
2.708		-0.014	0.051	0.022		-0.046		
2.707		0.053			-0.236	0.034	0.152	
2.695	0.245	0.035	0.072		0.255	-0.06	-0.15	
2.702		0.038	0.721		-0.791	-0.004		
2.696	-0.282	0.027	0.049	0.388	-0.198	-0.071	-0.274	0.235
2.702	0.306		0.292			-0.037	0.026	
2.708	-0.183		0.13	0.022	-0.415		0.086	
2.695		0.033	0.102		0.008	-0.062	-0.21	0.076
2.695	0.004	0.034	0.111			-0.061	-0.207	0.074
2.695	0.122	0.034	0.101			-0.031		
2.701	-0.202	0.076	0.072	0.019	-0.475	0.007		0.185
2.706	0.126		0.033	0.02	0.021	-0.031		0.095
2.694	0.302	0.034			0.376	-0.061	-0.132	-0.007
2.702	0.172	0.033	0.051	0.02	0.081	-0.023		-0.041
2.703		0.046			-0.129		0.071	
2.706			-0.137	0.02	0.055		0	0.106
2.7	0.127	0.035	0.094	0.021		-0.032		
2.708			0.087	0.022	-0.187	-0.011	0.093	
2.699	0.581		-0.23	0.322	0.87	-0.065		-0.1
2.696	0.763		-0.352	0.708	1.088	-0.082		0.125
2.694		0.039	-0.085	0.574	0.138	-0.073	-0.206	0.287
2.702	-0.05	0.025	0.541		-0.629	-0.013		
2.701			0.404		-0.484	-0.004	0.053	
2.708	-0.338		0.282	0.022	-0.724	0.011	0.065	
2.708	0.081		-0.032	0.022		-0.014	0.118	
2.695	0.716	0.043	-0.002		0.707	-0.046		-0.147
2.702	0.175	0.032	0.057		0.083	-0.023		-0.049
2.698	-0.091	0.031			-0.115	-0.021		
2.696	-0.245	0.016	-0.074	0.447		-0.086	-0.278	0.226
2.706	0.108		0.043		-0.007	-0.029		0.094
2.697		0.033			-0.025	-0.024		
2.694	-0.139	0.022	-0.157	0.525	0.156	-0.088	-0.262	0.281
2.702	-0.316	0.022	0.52		-0.875	0		
2.706			-0.131		0.05		0	0.105
2.696	0.023	0.033				-0.026		
2.706		0.034			-0.095	-0.003	0.05	
2.701	-0.219	0.076	0.078		-0.499	0.008		0.185
2.708	-0.242		0.374	0.023	-0.644	-0.012		
2.695	0.68	0.025	-0.05		0.815	-0.069	-0.068	-0.138
2.702		-0.015	0.063			-0.045		
2.708	-0.092		0.375	0.022	-0.52	-0.012	0.02	
2.694		0.033	-0.014			-0.026		
2.699	0.06	0.034			0.029	-0.025		
2.694	-0.582	0.032	0.164		-0.582	-0.067	-0.35	0.278
2.698	0.034	0.035				-0.023		
2.697			-0.055	0.368	0.305	-0.108	-0.321	0.139
2.697	0.018		-0.047	0.364	0.314	-0.108	-0.32	0.132

2.698		0.037			-0.037	-0.02		
2.693		0.032				-0.028	-0.006	
2.702	-0.111		0.057		-0.277		0.111	
2.702	-0.082				-0.199	-0.001	0.125	
2.699	-0.32	0.023			-0.348			
2.702			0.032		-0.139	-0.007	0.115	
2.697	-0.265		0.006	0.358		-0.106	-0.379	0.212
2.7	-0.3		-0.353	0.413			-0.033	0.147
2.701	-0.373		-0.293	0.379	-0.15			0.126
2.701	-0.426				-0.622	0.041	0.176	
2.702	0.066		-0.05			-0.01	0.132	
2.695		0.031	0.016			-0.031	-0.03	
2.695		0.031	0.015			-0.031	-0.029	
2.699		0.033	-0.026	0.02		-0.026		
2.695		0.033				-0.027	-0.019	
2.697	-0.338		-0.035	0.407	-0.024	-0.112	-0.404	0.272
2.7	0.226					0.033	0.166	
2.696		0.036	-0.022			-0.021		
2.702	-0.07	-0.02				-0.043		
2.696	-0.091		-0.17	0.395	0.304	-0.102	-0.295	0.169
2.702		-0.019			0.071	-0.047		
2.702		0.026	0.016	0.021		-0.034	-0.036	
2.7	0.179	0.035	0.123	0.019	0.13	-0.057	-0.157	
2.702	-0.29		0.23		-0.632	0.013	0.088	
2.701	0.733	0.04	0.052	0.02	0.672	-0.046		-0.181
2.708		0.079	0.36	0.022	-0.755	0.069	0.271	
2.708	0.02	0.078	0.356	0.022	-0.724	0.066	0.267	
2.708		0.078	0.354	0.022	-0.74	0.067	0.266	
2.7		0.032	0	0.02		-0.03	-0.026	
2.708	0.391	0.019	0.374	0.022		-0.047		
2.701	0.084	0.035	0.162	0.019		-0.054	-0.171	0.016
2.694	-0.731	0.021	0.187		-0.699	-0.074	-0.398	0.299
2.701			-0.234	0.229	0.251	-0.032		-0.076
2.7		0.033	0.152	0.019	-0.057	-0.057	-0.196	0.043
2.694	-0.272	0.024	-0.06		-0.091	-0.062	-0.219	0.141
2.703		0.032	-0.029	0.02		-0.022		
2.705			0.105	0.021		-0.053	-0.095	
2.697	-0.52		0.016	0.377	-0.249	-0.107	-0.431	0.311
2.701	0.812	0.03	0.002	0.02	0.849	-0.059	-0.016	-0.208
2.695	-0.091		0.067		0.111	-0.096	-0.323	0.072
2.702	-0.005		0.34		-0.399	-0.014	0.035	
2.701	0.736	0.039	0.058		0.673	-0.046		-0.19
2.698			0.111			-0.052	-0.092	
2.701	0.085	0.034	0.168			-0.054	-0.173	0.009
2.701	0.615	0.034			0.643	-0.054	-0.042	-0.14
2.701		0.032	0.158		-0.058	-0.057	-0.197	0.036
2.702	-0.189		0.373		-0.574	-0.015		
2.697		0.043	-0.081				0.042	

2.701	0.799	0.029	0.011		0.834	-0.06	-0.02	-0.211
2.694	-0.8	0.076	0.09	0.593	-1.02		-0.181	0.469
2.698	-0.23		-0.381		0.114	-0.031		0.138
2.702	0.104	0.08	0.323		-0.615	0.066	0.289	
2.696	-0.511				-0.526	0.001		
2.702		0.078	0.306		-0.701	0.071	0.288	
2.702		0.082	0.362		-0.765	0.074	0.286	
2.698	1.201		-0.257	0.338	1.57	-0.094		-0.267
2.703	0.055		0.082	0.101		-0.02		-0.177
2.692	0.635	0.075	-0.204	0.717	0.699	-0.047		0.141
2.705		0.039	-0.086	0.02			0.039	
2.701	0.388	0.018	0.383			-0.046		
2.692	0.402	0.075	-0.187	0.737	0.471	-0.05	-0.059	0.228
2.708		0.046	0.181	0.022	-0.426	0.029	0.193	
2.695	0.479	0.064	0.095		0.245		0.068	-0.113
2.706	0.698	0.037	0.636	0.022		-0.045		
2.703	-0.48	-0.022			-0.437			
2.702	0.033				0.094	-0.046		
2.7	-0.613	0.032	0.214	0.018	-0.678	-0.063	-0.344	0.266
2.708	0.185	0.055	0.081	0.022	-0.195	0.03	0.242	
2.692		0.069	-0.119	0.696	0.06	-0.053	-0.158	0.324
2.702	0.183	0.073			-0.238	0.063	0.347	
2.692	-0.013	0.071	-0.08	0.687		-0.049	-0.155	0.32
2.708	0.431	0.07	0.051	0.021		0.038	0.305	
2.708	0.218	0.048	0.312	0.022	-0.306	0.012	0.154	
2.708	0.372	0.06	0.039	0.021		0.029	0.274	
2.701	0.188		0.078	0.019	0.339	-0.09	-0.247	-0.045
2.708	0.516	0.076	0.12	0.021		0.038	0.307	
2.702		0.069			-0.415	0.071	0.34	
2.702	0.728	0.062	0.106	0.02	0.464		0.122	-0.215
2.7	0.679	0.035	0.633			-0.045		
2.7			-0.29	0.471	0.202		0.016	0.115
2.7	-0.051	0.024	-0.069	0.019	0.096	-0.054	-0.143	0.039
2.702	0.431	0.072	0.04			0.043	0.325	
2.708	0.145	0.043	0.329	0.022	-0.369		0.138	
2.702	0.41	0.074				0.048	0.342	
2.7	-0.637	0.031	0.223		-0.704	-0.063	-0.352	0.267
2.708	0.162	0.044	0.354	0.022	-0.378		0.135	
2.702		0.046	0.132		-0.382	0.033	0.212	
2.702	0.187	0.055			-0.132	0.038	0.278	
2.704	-0.273		-0.316	0.02	-0.005	-0.027		0.126
2.701	0.187		0.086		0.33	-0.089	-0.245	-0.051
2.708		0.037	0.351	0.022	-0.504		0.112	
2.702	0.53	0.081	0.117			0.045	0.33	
2.693	1.169	0.064	-0.32	0.679	1.35	-0.055	0.104	-0.047
2.7	-0.65	0.019	0.226	0.019	-0.673	-0.07	-0.369	0.244
2.702	0.346	0.059	0.023			0.031	0.28	
2.709	0.23	0.003	0.208	0.022				

2.702	0.251	0.057	0.027		-0.088	0.032	0.269	
2.702	0.717	0.061	0.114		0.45		0.119	-0.22
2.694	0.068	0.061	-0.156	0.598	0.075	-0.023		0.229
2.7	-0.063	0.023	-0.062		0.084	-0.055	-0.147	0.036
2.702	0.375	-0.008			0.363			
2.701	0.743				0.66	-0.043	0.105	
2.708	0.267	0.053	0.309	0.022	-0.269		0.169	
2.708	0.372	0.047	0.138	0.022			0.197	
2.704	-0.292		-0.309		-0.032	-0.026		0.126
2.703	0.368		-0.012	0.086	0.371		0.059	-0.276
2.7	-0.649	0.018	0.232		-0.674	-0.07	-0.37	0.236
2.704	0.241		0.029	0.079	0.217		0.026	-0.24
2.703	0.131		0.047	0.08	0.099			-0.206
2.704	0.381		0.026	0.021	0.353		0.056	-0.297
2.702	0.315	0.05	0.272		-0.179	0.012	0.177	
2.704	0.046		0.067	0.078			-0.016	-0.183
2.699	0.298		0.115			0.001	0.157	
2.704	0.379		0.036		0.344		0.055	-0.302
2.703			0.055	0.083	-0.033		-0.023	-0.166
2.698	0.103		0.01		0.117		-0.003	-0.191
2.705	0.325		0.137	0.021		-0.002	0.147	
2.691	0.164	0.065	-0.33	0.721	0.392	-0.049	-0.065	0.271
2.702	0.227	0.045	0.282		-0.25		0.163	
2.702	0.257	0.047	0.316		-0.255		0.158	
2.703	0.219	0.002	0.212					
2.702	0.365	0.046	0.141				0.201	
2.696	0.357		-0.598	0.642	0.943	-0.073		0.147
2.702		0.034	0.301		-0.446		0.124	
2.693	0.893	0.098	-0.186	0.722	0.762		0.186	0.027
2.702	0.63	0.099			0.088	0.072	0.429	
2.701	0.345	0.054	0.244		-0.134		0.194	
2.704		0.126			-0.768	0.173	0.542	
2.702	0.299	0.04			0.076		0.218	
2.703	-0.469		0.131	0.094	-0.544		-0.122	-0.005
2.708	-0.222	0.025	0.606	0.023	-0.883			
2.708	-0.225	0.023	0.573	0.023	-0.847	-0.001		
2.708	-0.28	0.022	0.57	0.023	-0.899	0.002		
2.702	-0.04	-0.012			0.007	-0.042		
2.708		0.027	0.6	0.023	-0.651	-0.012		
2.7					-0.206	0.045	0.132	
2.708	-0.26		0.227	0.022	-0.549		0.054	
2.708	-0.263		0.372	0.022	-0.646	-0.011		
2.708		0.024	-0.222	0.021		0.016	0.226	
2.708			0.172	0.022	-0.227	-0.018	0.06	
2.703	-0.992		0.143	0.163	-1.054		-0.233	0.189
2.702		0.028	-0.237			0.023	0.248	
2.692	-0.75	0.049	-0.01	0.617	-0.66	-0.067	-0.36	0.523
2.708	0.097		0.024	0.022		-0.021	0.092	

2.702	-0.19	0.021	0.573		-0.797	-0.003		
2.702	-0.21	0.023	0.594		-0.842			
2.702	-0.214	0.019	0.551		-0.795	-0.003		
2.708	-0.441		0.432	0.022	-0.934	0.011	0.023	
2.709	-0.219	0.04	0.765	0.023	-1.081	0.011		
2.708	-0.132		0.49	0.022	-0.627	-0.017	-0.02	
2.702	-0.189		0.156		-0.413		0.079	
2.702		0.023	0.566		-0.595	-0.014		
2.701	0.786	-0.009			0.844	-0.079		
2.702			0.121		-0.182	-0.014	0.081	
2.702	-0.088				-0.177	-0.004	0.114	
2.702	0.083		0.009			-0.017	0.105	
2.702	-0.209		0.371		-0.575	-0.015		
2.708	0.252	0.005	0.267	0.022		-0.047		
2.702	-0.391		0.381		-0.84	0.013	0.046	
2.702	-0.044		0.456		-0.503	-0.019	-0.005	
2.702	-0.165	0.038	0.738		-0.98	0.006		
2.702	0.242	0.003	0.271			-0.046		
2.708	-0.174		0.131	0.022	-0.405	-0.001	0.085	
2.695	0.161	0.034	0.081		0.172	-0.061	-0.171	0.028
2.697	-0.129	0.029			-0.152	-0.018		
2.702	-0.103		0.058		-0.268	-0.001	0.11	
2.697	0.138		-0.074	0.367	0.451	-0.108	-0.291	0.097
2.702	-0.106	-0.02			-0.037	-0.041		
2.701	0.448	0.036	0.094	0.02	0.398	-0.053	-0.088	-0.091
2.708	0.025	0.08	0.348	0.022	-0.721	0.068	0.275	
2.708		0.079	0.355	0.022	-0.75	0.068	0.271	
2.708	0.017	0.078	0.35	0.022	-0.72	0.066	0.268	
2.701	0.438	0.035	0.102		0.386	-0.054	-0.092	-0.095
2.708		-0.06	0.347	0.022		-0.107	-0.268	
2.702	0.115	0.084	0.31		-0.61	0.07	0.303	
2.702	0.091	0.079	0.286		-0.593	0.067	0.295	
2.702		0.079	0.307		-0.707	0.072	0.292	
2.708	0.074	0.048	0.168	0.022	-0.352	0.028	0.203	
2.692	0.595	0.075	-0.198	0.715	0.66	-0.048	-0.012	0.153
2.702	0.196	0.076			-0.24	0.066	0.358	
2.701		-0.059	0.348			-0.103	-0.259	
2.708	0.436	0.071	0.05	0.021		0.039	0.309	
2.702	0.149	0.051	0.108		-0.233	0.03	0.234	
2.702	0.44	0.074	0.039			0.045	0.332	
2.708	0.143	0.043	0.321	0.022	-0.361		0.138	
2.703	0.381		-0.005	0.084	0.378		0.06	-0.281
2.702	0.223	0.044	0.255		-0.225		0.164	
2.708	-0.248	0.026	0.623	0.023	-0.931	0.004		
2.708	-0.222		0.231	0.022	-0.507	-0.005	0.049	
2.702	-0.195	0.022	0.584		-0.815	-0.002		
2.702	-0.15		0.16		-0.37	-0.006	0.073	
2.708	0.026	0.08	0.349	0.022	-0.721	0.068	0.275	

2.702	0.102	0.082	0.286	-0.596	0.069	0.304	
2.741						-0.071	
2.742	0.065						
2.743				-0.062			
2.74							-0.145
2.74					-0.019	-0.062	
2.742							-0.175
2.74		0.015				-0.075	
2.741	0.073	0.025					
2.744							-0.141
2.74				-0.058			
2.74			-0.058				
2.74						-0.071	
2.738			0.087		-0.053	-0.127	
2.74						-0.067	
2.74	0.06						
2.741						-0.062	-0.026
2.744			-0.058				
2.74						-0.073	
2.74			0.007			-0.078	
2.738				0.114	-0.058	-0.155	
2.741	0.002					-0.069	
2.741				-0.001		-0.071	
2.741			0.159	-0.219			
2.741	0.114		0.05				
2.742							
2.741	0.066						
2.741	0.071						
2.741	0.14			0.075			
2.74					-0.051	-0.105	0.172
2.739	-0.134				-0.05	-0.182	
2.738		0.028		-0.065			
2.739							-0.165
2.741					-0.056		
2.741				-0.075			
2.742	0.054						-0.032
2.742	0.06				-0.008		
2.742	0.109						0.123
2.738	0.068	0.028					
2.743				-0.109			0.123
2.739			0.293	-0.285			-0.182
2.739		0.032	0.22	-0.288			
2.743		0.02		-0.067			
2.738	0.155	0.032	0.082				
2.741	0.129	0.04					0.145
2.738		0.025	-0.064				
2.742				-0.064			
2.739					-0.03	-0.046	

2.739	0.087	0.033					
2.739					-0.022		-0.106
2.74					-0.025	-0.059	
2.739							-0.121
2.738		0.031			-0.054	-0.12	0.194
2.74	0.075	0.03					
2.74							-0.203
2.739	0.141		0.137				-0.161
2.74		0.016			-0.019	-0.065	
2.739	0.198	0.029		0.124			
2.74		0.033		-0.091			
2.743				-0.047			-0.04
2.739				-0.022			-0.098
2.743				-0.059	-0.004		
2.739	0.019						-0.105
2.743			-0.062				
2.739		0.009					-0.146
2.739		0.019				-0.076	
2.74					-0.023	-0.064	
2.74						-0.035	-0.098
2.739			-0.018				-0.105
2.738	-0.159				-0.064	-0.201	
2.739						-0.019	-0.108
2.743		0.035		-0.124			0.142
2.739				-0.04	-0.024		
2.739			-0.039		-0.025		
2.742			-0.074				
2.744					-0.035		
2.738	-0.147				-0.096	-0.252	0.231
2.739	0.039				-0.027		
2.737				0.112	-0.063	-0.15	
2.738			0.19		-0.075	-0.231	
2.737		0.043		-0.098			
2.74	-0.297			-0.342			
2.74					-0.043		
2.74					-0.026	-0.074	0.045
2.737			0.135		-0.064	-0.16	
2.738		0.054		-0.165			0.181
2.739		0.016				-0.07	
2.737		0.013	0.082		-0.051	-0.127	
2.742		0.011					-0.178
2.741	0.021						-0.127
2.743							-0.159
2.74		0.017				-0.078	
2.741			0.02				-0.222
2.741	0.031	0.019				-0.044	
2.741					-0.009		-0.16
2.74	0.135		0.091		-0.028		

2.736	0.091	0.041					
2.741				-0.003			-0.168
2.738			0.078		-0.053	-0.118	
2.741		0.016		-0.009		-0.066	
2.745			-0.111				0.139
2.74		0.015	0.005			-0.079	
2.74		0.014				-0.071	-0.008
2.738	-0.061		0.068		-0.06	-0.167	
2.744			-0.021				-0.094
2.742		0.027		-0.071			
2.741	0.085	0.029					0.032
2.74	0.223			0.179	-0.032		
2.738	-0.17				-0.076	-0.243	0.102
2.74			0.036			-0.077	-0.079
2.74	0.199			0.172			-0.109
2.745		0.016	-0.061				
2.74			0.099	-0.117		-0.049	
2.74				-0.037		-0.026	
2.741	0.069	0.024			-0.005		
2.74			-0.059				
2.744					-0.007		-0.129
2.74				-0.059			
2.737		0.021			-0.031	-0.049	
2.744		0.001					-0.141
2.738				0.165	-0.07	-0.194	
2.74				-0.055			
2.738			0.096		-0.051	-0.124	-0.033
2.74			-0.052				
2.74			-0.036			-0.026	
2.74	-0.058		-0.112				
2.74			0.003	-0.061			
2.74							
2.74						-0.072	
2.74						-0.069	
2.74				-0.008		-0.063	
2.738			0.069	0.027	-0.055	-0.136	
2.74	0.008					-0.063	
2.738		0.043	-0.103				
2.74			-0.003			-0.069	
2.74	0.025					-0.04	
2.74						-0.059	-0.042
2.741			0.187	-0.234	-0.018		
2.737	0.172	0.033	0.117		-0.026		
2.739		0.023			-0.027	-0.063	
2.74						-0.062	
2.737		0.037	0.167	-0.25			
2.737	0.051	0.028			-0.022		
2.738		0.007		0.103	-0.054	-0.148	

2.74	0.061						
2.741				0.015		-0.071	-0.04
2.74	0.055						
2.737		0.027		-0.05	-0.02		
2.738	-0.11				-0.052	-0.15	
2.74	0.044		0.029			-0.053	
2.742		0.017					
2.744			-0.052		-0.008		
2.74				-0.016		-0.059	
2.741	-0.008					-0.068	-0.029
2.738		0.021	0.292	-0.312			-0.122
2.738				0.111	-0.062	-0.16	0.028
2.74	0.014					-0.059	
2.74			0.127	-0.194			
2.742	0.095				-0.025		0.129
2.74			0			-0.073	
2.74				-0.076			
2.742						-0.12	0.158
2.741		0.018			-0.059		
2.738				0.107	-0.057	-0.147	
2.738	-0.015			0.105	-0.058	-0.161	
2.741	0.018			0.011		-0.064	
2.741	0.055				-0.016		
2.74	0.071						
2.738		0.014					-0.169
2.738		0.026	-0.047		-0.022		
2.742				-0.105			0.122
2.739					-0.018		-0.131
2.741	0.117	0.04			-0.022		0.15
2.738	0.279	0.031		0.225	-0.032		
2.741	0.036		0.13	-0.155			
2.739		0.039		-0.122			0.143
2.739				0.052	-0.073	-0.152	0.191
2.741			0.152	-0.213			
2.741	0.055						-0.049
2.742			0.121	-0.221			0.104
2.741	0.101		0.037				
2.741			-0.11				0.138
2.741	0.064				-0.013		
2.739	0.107		0.122				-0.22
2.739			0.241	-0.221			-0.222
2.737		0.03		-0.068			
2.742				-0.075		-0.044	0.138
2.742							
2.744							
2.741	0.107		0.041				
2.741	0.114			0.049			
2.745							

2.738	-0.438			-0.205	-0.099	-0.363	0.273
2.739			0.029		-0.064	-0.127	0.176
2.738	0.161	0.023	0.124				-0.093
2.737	0.071	0.031					
2.741			-0.079				
2.737		0.029	-0.067				
2.741		0.04	0.168	-0.282			0.117
2.739	0.142	0.047					0.158
2.737		0.03	0.092	-0.159			
2.739		0.038	-0.127				0.161
2.741	0.104			0.035			
2.738	-0.136	0.025		-0.195			
2.742				-0.121			0.134
2.737		0.031		-0.092		0.03	
2.738		0.03		-0.073			
2.739		0.031	0.239	-0.296	-0.015		
2.738		0.024		-0.053			-0.03
2.739	-0.124				-0.05	-0.174	
2.738		0.025			-0.038	-0.097	0.108
2.741		0.027	-0.086				
2.741					-0.057		
2.738					-0.021		-0.083
2.739		0.021			-0.026	-0.07	
2.738	0.137	0.033	0.063				
2.741				-0.059			-0.042
2.74					-0.05	-0.106	0.172
2.74					-0.051	-0.104	0.171
2.74					-0.05	-0.105	0.171
2.742			-0.062			-0.066	0.156
2.743		0.025	-0.069				
2.739	-0.137	-0.001			-0.051	-0.185	
2.738	0.105	0.034				0.041	
2.739			0.006				-0.179
2.739							-0.159
2.739						0.005	-0.176
2.739				0.001			-0.167
2.739	0						-0.166
2.742	0.059			-0.05			0.123
2.743				-0.1	-0.013		0.126
2.738	0.135	0.034	0.054				
2.738	0.051	0.024					-0.041
2.739					-0.031	-0.047	
2.741				-0.07	-0.008		
2.739			0.302	-0.289	-0.01		-0.176
2.739	0.155		0.163		-0.022		-0.152
2.739		0.014			-0.026		-0.1
2.738		0.028	0.188	-0.235		-0.024	
2.738	0.074	0.032	0.163	-0.159			

2.739	0.171			0.176			-0.202
2.738	0.074	0.03					
2.742	0.054				-0.005		-0.023
2.742	0.109						0.124
2.742	0.096					-0.016	0.128
2.742	0.099		-0.011				0.125
2.742				-0.054	-0.014		
2.738	0.17	0.033		0.094			
2.739					-0.03	-0.06	
2.742	0.108						0.121
2.74		0.015					-0.211
2.742	0.108						0.122
2.739			0.264	-0.248		-0.016	-0.168
2.738	0.082	0.029	0.013				
2.74	0.127	0.041					0.144
2.739		0.032	0.199	-0.268			
2.743				-0.108			0.123
2.739			0.309	-0.296			-0.19
2.739			0.275	-0.268			-0.178
2.739	0.01		0.285	-0.267			-0.182
2.738		0.029	-0.089			0.03	
2.738	0.189	0.035	0.094			0.024	
2.739					-0.03	-0.038	
2.743		0.023		-0.076			0.021
2.738		0.022	-0.051				-0.033
2.739	0.081	0.033			-0.011		
2.739					-0.025	-0.031	-0.041
2.74	0.141	0.041	0.013				0.143
2.738	-0.231				-0.11	-0.359	0.274
2.743		0.02		-0.066	-0.002		
2.741	0.137	0.041				0.009	0.142
2.741	0.129	0.041					0.144
2.741	0.124	0.04		-0.005			0.144
2.737	-0.076	0.023			-0.076	-0.192	0.219
2.738		0.026	-0.065				
2.74	0.066	0.031			-0.015		
2.745					-0.054		
2.739	0.18		0.2				-0.2
2.738	-0.285		-0.081		-0.102	-0.33	0.274
2.737			0.217		-0.083	-0.26	
2.739	0.097	0.036					0.027
2.738	-0.208				-0.104	-0.309	0.241
2.738		0.008					-0.122
2.74						-0.024	-0.145
2.739	0.119	0.033		0.034			
2.739		0.044		-0.125			0.079
2.74			0.045			-0.052	-0.169
2.739	0.101	0.035				0.013	

2.74					-0.014		-0.182
2.74		0.016				-0.046	-0.08
2.737		0.033			-0.057	-0.123	0.201
2.74	0.054	0.025					-0.056
2.739				-0.012	-0.019		-0.085
2.739	0.011				-0.02		-0.087
2.74	0.019						-0.157
2.742		0.033		-0.091		-0.044	0.156
2.737		0.029		0.024	-0.063	-0.141	0.202
2.738		0.03	0.017		-0.061	-0.132	0.196
2.739			-0.008		-0.021		-0.091
2.718							
2.736		0.019	0.065		-0.049	-0.113	
2.74					-0.021	-0.049	-0.032
2.739						0.016	-0.146
2.74	0.052	0.027				-0.025	
2.737		0.015		0.09	-0.057	-0.136	
2.74				-0.016			-0.166
2.738		0.031			-0.055	-0.116	0.193
2.738		0.031			-0.055	-0.119	0.193
2.737		0.03			-0.035	-0.068	
2.741		0.052	-0.184				0.216
2.739			0.007				-0.133
2.746		0.029	-0.124				0.155
2.739	-0.002						-0.124
2.739				0			-0.121
2.739		0.016			-0.046		
2.739	0.212		0.215				-0.189
2.74			-0.004				-0.194
2.739	0.161		0.149			0.014	-0.173
2.739	0.288	0.036		0.174		0.041	
2.739	0.212	0.025		0.153			-0.041
2.739		0.012				-0.032	-0.086
2.739		0.029		-0.065		-0.024	
2.739	-0.184			-0.205			-0.079
2.739	-0.405			-0.394		-0.064	
2.743			-0.05		-0.017		
2.737	0.079	0.042			-0.02		
2.74				0.031		-0.052	-0.137
2.741	-0.506			-0.587			0.117
2.744		0.016			-0.032		
2.74		0.022		-0.024		-0.052	
2.739		0.021				-0.08	
2.737				0.163	-0.074	-0.19	
2.74		0.033		-0.088	-0.004		
2.739			-0.025		-0.029		
2.738				0.169	-0.076	-0.209	
2.743				-0.047	-0.001		-0.039

2.737	-0.118		0.033		-0.065	-0.19	
2.737		0.044		-0.088	-0.014		
2.739	0.269			0.259	-0.029		-0.102
2.739				-0.025	-0.029		
2.742			-0.046				-0.068
2.739	0.024				-0.031		
2.743		0.037		-0.125			0.14
2.739			-0.04		-0.026		
2.739				-0.027		0.009	-0.103
2.739		0.054		-0.157	-0.015		0.185
2.738			0.323	-0.117	-0.076	-0.25	
2.739		0.019				-0.073	
2.738			0.226		-0.113	-0.347	0.237
2.743						-0.109	0.142
2.737	-0.1			0.05	-0.066	-0.189	
2.74	-0.021					-0.052	-0.111
2.74		0.02	-0.011			-0.065	
2.739					-0.028	-0.071	0.028
2.737			0.193		-0.076	-0.224	
2.743		0.035		-0.117	-0.01		0.144
2.736		0.025			-0.034	-0.051	
2.739	0.024					0.006	-0.108
2.737	-0.168				-0.071	-0.219	0.036
2.738	-0.134	0.007			-0.058	-0.18	
2.738		0.056		-0.166			0.18
2.739				-0.04	-0.026		
2.738				0.118	-0.058	-0.139	-0.056
2.742			-0.134				0.161
2.739	-0.165			-0.203	-0.017		
2.738			0.096		-0.045	-0.101	-0.104
2.738	-0.149				-0.063	-0.189	
2.739	-0.097	0.057		-0.274			0.193
2.739	0.039				-0.028		
2.738	-0.153				-0.064	-0.196	
2.739			-0.013			-0.006	-0.103
2.743						-0.139	0.17
2.742			-0.067		-0.009		
2.737	-0.274		0.213	-0.325	-0.055	-0.203	
2.737	-0.05		0.117		-0.069	-0.191	
2.737		0.048		-0.124		0.024	
2.737		0.008	0.117		-0.059	-0.149	
2.74	-0.267		0.24	-0.461		-0.114	
2.738	-0.15				-0.095	-0.257	0.234
2.739	-0.021		-0.059		-0.024		
2.739			-0.017	-0.022	-0.024		
2.738	0.062		0.261		-0.079	-0.242	
2.737			0.149		-0.062	-0.159	-0.041
2.736		0.043	0.053	-0.147			

2.744					-0.034		
2.738		0.053	0.055	-0.211			0.167
2.738			0.203		-0.081	-0.256	0.032
2.736	0.25	0.036		0.196	-0.034		
2.737			0.101	0.059	-0.07	-0.182	
2.737		0.046		-0.106			
2.741		0.018		-0.029			-0.11
2.737		0.005	0.159		-0.068	-0.203	
2.738			-0.028	0.147	-0.065	-0.157	
2.737		0.04		-0.087			-0.027
2.742		0.013			-0.012		-0.157
2.737		0.018	0.131	-0.077	-0.043	-0.102	
2.737	-0.037	0.044		-0.138			
2.739	0.132	0.05			-0.028		0.17
2.739		0.057		-0.183		0.016	0.18
2.737			0.125		-0.062	-0.151	
2.74	-0.291			-0.337			
2.74					-0.041		
2.74	-0.299		-0.017	-0.328			
2.74	-0.295			-0.34			
2.737	0.113	0.049					
2.736	0.146	0.051				0.054	
2.738				0.181	-0.106	-0.306	0.256
2.742		0.029	-0.071			-0.071	0.174
2.739		0.054		-0.166			0.181
2.737	0.067	0.035					-0.064
2.739		0.016				-0.069	
2.739		0.018					
2.739		0.04		-0.103	-0.027		0.149
2.741			0.027		-0.013		-0.218
2.737		0.016	0.075		-0.052	-0.128	0.022
2.737	0.028	0.017	0.09		-0.047	-0.108	
2.738		0.019			-0.024		-0.126
2.742					-0.011		-0.142
2.738		0.039	-0.107		-0.03		0.165
2.74		0.02	-0.02			-0.063	
2.741	0.02				-0.008		-0.116
2.74	0.196			0.153	-0.034		
2.742		0.009	0.006				-0.192
2.741			-0.087		-0.032		0.141
2.74		0.016				-0.07	-0.025
2.744			-0.112				0.137
2.741				-0.084	-0.031		0.128
2.737	0.052	0.032			-0.025		
2.738				0.145	-0.095	-0.226	0.202
2.743		0.003					-0.159
2.739	0.105	0.042			-0.033		0.151
2.74	0.043	0.022				-0.04	0.021

2.737				0.145	-0.067	-0.163	
2.738		0.043	-0.091		-0.016		
2.742		0.027		-0.063	-0.013		
2.74	0.121		0.076		-0.028		
2.737	0.131	0.022	0.114				-0.149
2.744			-0.102		-0.013		0.141
2.737		0.03	-0.05		-0.024		
2.737	0.152	0.035	0.096		-0.027		
2.737		0.031		-0.051	-0.023		
2.741				0.002	-0.009		-0.163
2.737	0.063	0.042	-0.032				
2.737				0.172	-0.079	-0.213	0.051
2.74	0.32			0.29	-0.042		
2.741	0.087	0.031			-0.011		0.054
2.74		0.01	0.022			-0.078	-0.045
2.737	0.132			0.289	-0.076	-0.174	
2.744		0.009	-0.034				-0.065
2.737	-0.131				-0.057	-0.153	
2.74	-0.104		-0.158				
2.73							0.085
2.74	0.14		0.097		-0.028		
2.74	0.154		0.075	0.035	-0.029		
2.737	-0.14	0.009			-0.071	-0.222	0.114
2.74	0.059				-0.021		
2.737	0.174	0.026	0.147		-0.023		-0.074
2.738	-0.105		0.042		-0.068	-0.2	0.045
2.742						-0.124	0.166
2.742		0.018				-0.128	0.17
2.741		0.017		-0.012		-0.066	0.007
2.737	-0.19				-0.081	-0.265	0.119
2.74	0.257			0.243			-0.128
2.74	-0.101		-0.144				
2.744			-0.02		-0.004		-0.091
2.738		0.02	0.25	-0.258			-0.159
2.74				-0.033		-0.032	
2.739	0.167	0.043	0.062		-0.033		0.143
2.737		0.015		0.084	-0.059	-0.154	0.07
2.745		0.017	-0.055		-0.008		
2.738	0.241			0.268	-0.032		-0.201
2.741	0.083				-0.036		0.129
2.74			-0.035			-0.029	
2.739	-0.297	0.034		-0.403			0.138
2.74				-0.028		-0.047	
2.738	-0.231			-0.045	-0.08	-0.269	0.129
2.74			0.078	-0.095		-0.051	
2.74			0.06	-0.088		-0.037	
2.74			0.092	-0.116		-0.045	
2.738	0.119		0.147		-0.022		-0.212

2.74			0.035			-0.076	-0.078
2.74	0.186			0.163		-0.005	-0.104
2.738	-0.168				-0.076	-0.241	0.099
2.74				-0.035		-0.024	
2.743							
2.744		0.002			-0.007		-0.129
2.738		-0.009		0.21	-0.081	-0.227	
2.74			-0.021			-0.055	
2.739	0.218	0.043		0.109	-0.035		0.154
2.74	-0.057		-0.09			-0.026	
2.74			-0.057				
2.737	-0.036	0.016			-0.038	-0.082	
2.737		0.023			-0.035	-0.059	0.029
2.737		0.037	0.182	-0.256	-0.011		
2.74			-0.045	-0.014			
2.737		0.017		0.032	-0.039	-0.078	
2.741		0.02					
2.739		0.062	-0.195				0.221
2.74			-0.036			-0.021	
2.737		0.021			-0.031	-0.045	
2.74				-0.058			
2.74			0.155	-0.209	-0.017		
2.74	0.021					-0.046	
2.74	0.019					-0.054	
2.742			0.162	-0.243	-0.024		0.102
2.74			-0.024	-0.03			
2.738			0.121	-0.032	-0.047	-0.113	-0.048
2.738	-0.108	0.039	0.229	-0.422			
2.738		0.04	-0.094				
2.74				-0.065	-0.017		
2.738		0.043	0.281	-0.376			
2.737		0.03	0.221	-0.275			-0.064
2.74							
2.738		0.038	-0.085				-0.038
2.74						-0.071	
2.74	-0.029			-0.028		-0.073	
2.741		0.02			-0.061		
2.737	0.032	0.022					-0.097
2.74	0.018		0.008			-0.06	
2.74	0.023					-0.038	
2.737		0.022		-0.032			-0.093
2.737	0.16	0.034	0.1		-0.024		
2.738		0.025			-0.033	-0.075	0.039
2.738		0.042	-0.097			-0.004	
2.724		0.033					
2.738	0.113	0.017		0.16	-0.047	-0.095	
2.74	0.006					-0.054	-0.04
2.737	0.126	0.031	0.073		-0.025		

2.741	0.129		0.043		-0.034		0.123
2.74				-0.001		-0.059	-0.041
2.738		0.022	0.299	-0.314	-0.011		-0.112
2.741			0.171	-0.218	-0.018		
2.738	0.19	0.022		0.162			-0.129
2.737		0.029	0.071	-0.123	-0.019		
2.741	-0.195		-0.305				0.166
2.737		0.039	0.175	-0.269		0.01	
2.737	0.183	0.033	0.108	0.02	-0.027		
2.74		0.04	0.197	-0.295	-0.021		0.117
2.739			0.081		-0.075	-0.159	0.166
2.737		0.028			-0.04	-0.096	0.091
2.737	0.045	0.027			-0.022		-0.014
2.738		0.02	-0.028				-0.103
2.739	0.208	0.058				0.066	0.149
2.74	0.058						
2.741	0.146			0.056	-0.033		0.13
2.74			0.077	-0.147			
2.743		0.016					
2.737	0.049	0.028			-0.023		
2.737	0.067	0.028		0.016	-0.023		
2.737		0.026		-0.045	-0.02		-0.013
2.738	-0.159			-0.052	-0.049	-0.147	
2.74	0.042		0.024			-0.053	
2.738	0.046	0.022	0.253	-0.231			-0.115
2.738		0.022	0.229	-0.256			-0.104
2.739		0.044		-0.156		0.047	0.128
2.74	-0.05			-0.056		-0.071	
2.737		0.027		-0.05	-0.02		
2.739							
2.738				0.136	-0.07	-0.195	0.055
2.742	-0.173			-0.195		-0.11	0.162
2.739			-0.096	0.177	-0.082	-0.191	0.222
2.741	0.098				-0.027		0.133
2.741	-0.061		0.163	-0.291			
2.738		0.021	0.278	-0.293		-0.008	-0.116
2.74	0.115	0.042			-0.025		0.149
2.741				-0.104			0.124
2.742	0.095				-0.026		0.128
2.742			0.176	-0.271			0.098
2.738	0.639			0.706	-0.058		-0.191
2.738	0.249	0.03	0.17			0.059	-0.127
2.74	0.013			-0.062			
2.738		0.014			-0.025		-0.077
2.739			0.016		-0.021		-0.167
2.741			-0.067		-0.018		
2.738	0.209		0.252		-0.026		-0.202
2.739			0.247	-0.22	-0.012		-0.217

2.739	0.095	0.051	-0.066				0.182
2.737	-0.535		0.111	-0.406	-0.094	-0.363	0.254
2.739				0.013	-0.021		-0.157
2.737		0.025	-0.042		-0.024		
2.739		0.046	-0.152				0.186
2.742				-0.1			0.118
2.742	-0.086		0.201	-0.378			0.091
2.74	0.068		-0.003				
2.738		0.015				-0.008	-0.152
2.742				-0.1		-0.007	0.124
2.739	-0.009				-0.02		-0.149
2.739	0.23		0.259				-0.273
2.742			0.013	-0.118			0.12
2.739					-0.019		-0.12
2.738		0.014					-0.169
2.738		0.025	-0.044		-0.022		-0.009
2.739		0.043	-0.172			0.059	0.149
2.738	0.285	0.029		0.24	-0.031		-0.023
2.741	0.055				-0.009		-0.036
2.742			0.077	-0.162		-0.024	0.119
2.739					-0.019	-0.008	-0.113
2.739				0.056	-0.073	-0.156	0.194
2.742			-0.099				0.128
2.743	-0.412		0.631	-1.091			
2.738	0.291	0.031		0.239	-0.033		
2.739		0.039		-0.121			0.143
2.741	0.044		0.109	-0.126			
2.739		0.019				-0.037	-0.127
2.739		0.04	0.03	-0.15			0.138
2.739	0.164	0.053					0.175
2.741				-0.112	-0.017		0.14
2.738	-0.555			-0.324	-0.094	-0.378	0.288
2.741			-0.109				0.14
2.744							
2.742			0.103	-0.208			0.11
2.737		0.033		-0.088		0.024	
2.739	0.058		0.185	-0.11			-0.221
2.739	0.141		0.143			0.025	-0.244
2.737	-0.553			-0.335	-0.089	-0.341	0.262
2.743					-0.061		0.086
2.739	0.125		0.147				-0.228
2.742				-0.086		-0.036	0.14
2.742				-0.072		-0.048	0.141
2.737	-0.081	0.028		-0.145			
2.741			-0.109			-0.001	0.139
2.739			0.217	-0.189		-0.014	-0.208
2.74		0.019			-0.02		-0.182
2.737	0.104	0.037				0.037	

2.739			0.202	-0.184			-0.213
2.739			0.222	-0.205			-0.217
2.737		0.031	0.032	-0.1			
2.737		0.033	-0.096			0.034	
2.745		0.004					
2.739			0.035		-0.065	-0.134	0.179
2.743		0.025	-0.057		-0.017		
2.737	-0.39	0.005		-0.18	-0.095	-0.338	0.266
2.741		0.039	0.197	-0.308			0.114
2.738	0.221	0.023	0.191				-0.118
2.738	-0.44			-0.206	-0.099	-0.363	0.273
2.738	-0.143	0.028		-0.21			
2.737	-0.11	0.028	0.078	-0.25			
2.738			0.028		-0.025		-0.127
2.738		0.028		-0.081		0.038	-0.041
2.738		0.034		-0.101		0.032	
2.738	0.162	0.023	0.127				-0.096
2.738	0.094	0.03				0.053	-0.055
2.737	0.039	0.03	-0.031				
2.738				0.025	-0.026		-0.117
2.741		0.039	0.161	-0.272		-0.004	0.12
2.741		0.036	-0.118				0.068
2.741	0.004	0.04	0.165	-0.275			0.118
2.739		0.032	0.21	-0.267	-0.016		
2.737		0.031	0.07	-0.151		0.017	
2.739	-0.047	0.037	-0.173				0.167
2.739	0.142	0.047					0.157
2.74	0.18	0.048				0.068	0.123
2.738	-0.02				-0.024		-0.109
2.738	-0.12	0.023		-0.172			-0.021
2.739		0.038	-0.127				0.161
2.742			0.425	-0.578		0.106	
2.738	-0.092	0.028		-0.167		0.016	
2.742	-0.018			-0.14			0.136
2.742				-0.12			0.134
2.738	0.188	0.041	0.068			0.04	
2.739					-0.021	-0.038	-0.078
2.741	-0.751			-0.741		-0.117	0.159
2.721					-0.027		
2.739	-0.069	0.01			-0.039	-0.129	
2.741		0.027	-0.081		-0.007		
2.738		0.029		-0.068			-0.008
2.744		0.019			-0.044		
2.739	0.303			0.276		0.059	-0.264
2.738	0.115	0.037				0.044	
2.738	0.165	0.036	0.073			0.019	
2.738	0.101	0.033	0.106	-0.077			
2.731				-0.062			

2.741				-0.058	-0.005		-0.036
2.74					-0.051	-0.096	0.163
2.738					-0.021	-0.002	-0.08
2.742	0.028		-0.046			-0.05	0.148
2.743				-0.098	-0.016		0.125
2.742			-0.069			-0.061	0.158
2.74					-0.051	-0.104	0.172
2.742			-0.06			-0.068	0.157
2.738	0.099	0.04			-0.016		0.058
2.74					-0.05	-0.106	0.172
2.739	0.077		0.239	-0.15	-0.016		-0.166
2.739						0.014	-0.18
2.739			0.01				-0.179
2.745		0.034	-0.127				0.154
2.739	0.008					0.014	-0.175
2.742	0.064			-0.046			0.124
2.739				0.005			-0.167
2.738	0.105	0.034	0			0.041	
2.739	-0.004						-0.166
2.739				-0.006		0.011	-0.174
2.738		0.029	0.161	-0.208		-0.026	
2.739	0.24		0.257		-0.023		-0.185
2.739			0.005			0.001	-0.179
2.738	0.258	0.04		0.143		0.04	
2.739	0.037			0.039			-0.175
2.739			0.232	-0.223	-0.013		-0.157
2.742	0.09					-0.025	0.133
2.738	0.153	0.035	0.07				
2.742	0.096						0.113
2.738	0.053	0.024					-0.038
2.739					-0.031	-0.048	
2.742	0.108						0.124
2.739			0.319	-0.3	-0.01		-0.183
2.742	0.083					-0.027	0.128
2.739	-0.107		0.303	-0.371		-0.046	-0.15
2.738	0.036	0.03	0.174	-0.196		-0.014	
2.737	-0.156	0.013			-0.093	-0.282	0.251
2.743			0.673	-0.74			
2.74	0.211	0.047	0.047			0.047	0.124
2.742	0.108						0.123
2.742	0.107		-0.003				0.124
2.738	-0.223	0.066		-0.416			0.206
2.74		0.046	-0.139			-0.038	0.21
2.742	0.091					-0.023	0.131
2.737	-0.18	0.015	-0.047		-0.086	-0.259	0.249
2.739	0.176			0.182			-0.203
2.739			0.282	-0.256		-0.02	-0.176
2.735					-0.042		0.103

2.742	0.098		-0.013				0.125
2.739			0.314	-0.285		-0.028	-0.174
2.739			0.236	-0.222			-0.179
2.739	0.063		0.28	-0.2			-0.197
2.738		0.025	-0.076			0.03	-0.032
2.74	0.127	0.041					0.144
2.739	-0.584		0.348	-0.859		-0.158	
2.739	-0.265	0.058	0.2	-0.627			0.165
2.739	-0.009		0.272	-0.274			-0.176
2.738		0.029	-0.09			0.03	
2.738	-0.23				-0.109	-0.351	0.266
2.738		0.019	-0.04				-0.05
2.745					-0.058		
2.743		0.023		-0.075	-0.003		0.025
2.739		0.01	0.03			-0.054	-0.133
2.738	-0.234				-0.111	-0.363	0.275
2.741	0.141	0.042				0.014	0.14
2.738	-0.265		-0.05		-0.104	-0.331	0.263
2.737	-0.12	0.016			-0.085	-0.232	0.227
2.741	0.186	0.044		0.034		0.027	0.137
2.74	0.14	0.041	0.012				0.143
2.725	0.042						
2.738	-0.227		0.004		-0.11	-0.36	0.274
2.74	0.054	0.027			-0.013		-0.033
2.741	0.118	0.041		-0.011			0.144
2.739	0.225		0.232			0.028	-0.229
2.737		0.009	0.167		-0.072	-0.213	
2.737	-0.074	0.023			-0.075	-0.19	0.218
2.74			0.027			-0.039	-0.169
2.737			0.206		-0.077	-0.236	-0.038
2.739		0.045		-0.124	-0.009		0.091
2.74	0.017				-0.012		-0.144
2.739	0.204	0.039		0.082		0.038	
2.725			-0.036				
2.738	-0.295		-0.088		-0.103	-0.334	0.276
2.739	0.118	0.04				0.019	0.031
2.739	0.166		0.185				-0.195
2.739	0.404	0.034		0.282		0.082	-0.082
2.737			0.219		-0.084	-0.266	
2.738	-0.211				-0.104	-0.313	0.244
2.741		0.052	-0.175		-0.014		0.218
2.736	0.263	0.027		0.251	-0.033		-0.115
2.738		0.022	0.101		-0.082	-0.222	0.216
2.74	0.027	0.021				-0.027	-0.058
2.739	0.069	0.039		-0.037			0.043
2.737			0.214	0.003	-0.083	-0.26	
2.737	-0.002		0.215		-0.083	-0.26	
2.738		0.035			-0.057	-0.138	0.215

2.739		0.041		-0.111		-0.011	0.072
2.74				-0.011	-0.012		-0.16
2.738		0.008				0.001	-0.123
2.74				0.007		-0.029	-0.149
2.74	0					-0.024	-0.145
2.744			0.416	-0.45			
2.737		0.033			-0.058	-0.122	0.2
2.74		0.015		0.007		-0.049	-0.089
2.74			0.004		-0.014		-0.189
2.738		0.024		0.067	-0.075	-0.189	0.22
2.741	-0.544			-0.623			0.12
2.743		0.019				-0.147	0.182
2.747		0.03	-0.115		-0.014		0.156
2.731		0.03					0.087
2.737		0.016	0.075		-0.047	-0.107	-0.045
2.738		0.057		-0.155	-0.019		0.184
2.737		0.035		-0.018	-0.052	-0.109	0.2
2.737		0.034	-0.006		-0.056	-0.119	0.202
2.738	-0.329	0.05		-0.482			0.18
2.742		0.034		-0.093		-0.04	0.155
2.737		0.058	0.252	-0.377			
2.739	-0.038			-0.05	-0.018		-0.082
2.718							
2.719							
2.718						0	
2.737		0.029		0.022	-0.063	-0.138	0.201
2.736		0.024	0.039		-0.044	-0.095	
2.737		0.029	-0.004	0.029	-0.064	-0.142	0.203
2.738		0.03	0.015		-0.06	-0.13	0.195
2.739				-0.014		0.028	-0.141
2.739	0.014					0.031	-0.145
2.736		0.018	0.04	0.037	-0.053	-0.123	
2.736	-0.029	0.016	0.056		-0.053	-0.132	
2.739	-0.113			-0.116			-0.105
2.737		0.022		0.05	-0.047	-0.106	
2.736	0.047	0.019		0.115	-0.054	-0.114	
2.739			-0.005			0.021	-0.144
2.738		0.031			-0.056	-0.116	0.192
2.736	0.544	0.04		0.408		0.156	-0.238
2.737		0.014		0.105	-0.06	-0.15	
2.737		0.031			-0.035	-0.073	
2.746							
2.738		0.07		-0.203			0.208
2.737	0.143	0.025	0.135		-0.023		-0.131
2.737		0.015		0.092	-0.056	-0.134	-0.01
2.743		0.015				-0.117	0.153
2.737	-0.014	0.028			-0.038	-0.08	
2.739	-0.431		0.11	-0.51		-0.087	

2.737		0.03			-0.034	-0.066	-0.005
2.737	0.551			0.635	-0.054		-0.257
2.739	0.222		0.218			0.011	-0.196
2.739		0.016			-0.046		
2.739	-0.295			-0.292		-0.038	-0.046
2.739		0.064	0.28	-0.457			0.16
2.743						-0.113	0.149
2.743		0.037		-0.115	-0.015		0.143
2.741	-0.542		-0.115	-0.513			0.135
2.738		0.065		-0.211		0.042	0.177
2.739			-0.144	0.132	-0.034		
2.737	0.067	0.039			-0.018		-0.035
2.739		0.024				-0.093	
2.741	-0.427			-0.504	-0.011		0.12
2.739	-0.396			-0.384		-0.066	
2.737	0.09	0.046			-0.018		
2.738		0.053	0.078	-0.22	-0.017		0.166
2.739	-0.082		-0.101		-0.028		
2.739	-0.415			-0.404		-0.065	
2.737			0.133		-0.054	-0.131	-0.091
2.741	-0.526			-0.613			0.123
2.742			-0.134				0.158
2.737	-0.099		0.068		-0.069	-0.198	
2.736	0.087	0.042	0.011		-0.021		
2.737	-0.079	0.015			-0.05	-0.125	
2.736	0.095	0.042		0.019	-0.022		
2.737				0.173	-0.077	-0.205	
2.737				0.159	-0.07	-0.178	-0.027
2.742			-0.124		-0.016		0.164
2.737		0.043	0.056	-0.14	-0.014		
2.744		0.041	0.501	-0.684		0.13	
2.742							0.067
2.744		0.016			-0.032		
2.737	-0.206		0.112	-0.156	-0.062	-0.201	
2.737			0.023	0.14	-0.074	-0.188	
2.739			-0.028		-0.029		
2.737	-0.01			0.154	-0.074	-0.191	
2.738	0.048			0.22	-0.079	-0.212	
2.738				0.165	-0.074	-0.202	-0.009
2.738		0.051		-0.141	-0.019		0.175
2.739	-0.069		-0.107		-0.025		
2.737	-0.135	0.01			-0.065	-0.196	0.051
2.739	-0.266	0.051		-0.396		-0.063	0.218
2.742			-0.043		-0.006		-0.063
2.737	-0.134		0.314	-0.245	-0.069	-0.247	
2.737	-0.091		0.049		-0.06	-0.168	-0.032
2.737		0.042		-0.081	-0.014		-0.018
2.737		0.008	0.286	-0.129	-0.065	-0.205	

2.739			-0.11	0.072	-0.028		
2.737			0.379	-0.441			
2.739	-0.069			-0.095	-0.025		
2.737		0.043		-0.087	-0.014		
2.739				-0.027	-0.029		
2.737	0.125	0.046				0.057	-0.067
2.739	0.026				-0.031		
2.743						-0.118	0.151
2.737		0.035	0.111	-0.171			-0.075
2.737			0.28	-0.078	-0.076	-0.24	
2.737	0.27	0.059	0.137				
2.738			0.19	0.036	-0.114	-0.348	0.244
2.737		0.024			-0.03	-0.038	-0.037
2.739	-0.026	0.055		-0.187	-0.012		0.188
2.738			0.225		-0.112	-0.347	0.238
2.738			0.336	-0.136	-0.073	-0.24	-0.017
2.737	-0.112	0.045	0.111	-0.32			
2.739	-0.121			-0.16	-0.02		
2.738			0.225		-0.113	-0.346	0.237
2.738		0.058	0.091	-0.276		0.033	0.157
2.741	-0.577			-0.567		-0.196	0.229
2.737	-0.09			0.057	-0.065	-0.184	-0.007
2.738			0.047	0.062	-0.052	-0.122	-0.08
2.743						-0.138	0.172
2.737	0.021		0.217		-0.077	-0.228	
2.737		0.001	0.189		-0.075	-0.22	
2.737			0.193		-0.076	-0.224	0
2.737	0.229	0.029	0.165			0.068	-0.192
2.738		0.057	-0.007	-0.16			0.181
2.739	-0.167		-0.022	-0.183	-0.017		
2.737	-0.165				-0.07	-0.215	0.032
2.737	-0.169				-0.071	-0.222	0.039
2.737		0.048	0.06	-0.181		0.026	
2.737	-0.184	0.009	0.196	-0.26	-0.049	-0.164	
2.737	-0.15				-0.063	-0.186	
2.737	-0.331		0.184	-0.33	-0.065	-0.244	0.056
2.743					-0.096		0.126
2.737	0.092	0.01	0.234		-0.067	-0.19	
2.737	0.153	0.056				0.043	
2.738	0.13	0.051			-0.031		0.169
2.741			-0.062		-0.037		0.121
2.737	-0.18		0.179	-0.191	-0.062	-0.201	
2.738				0.194	-0.109	-0.3	0.242
2.741		0.018		-0.025	-0.01		-0.103
2.749							0.048
2.742	-0.432		0.265	-0.67		-0.143	0.131
2.737	0.027	0.025			-0.022		-0.071
2.737		0.045		-0.113		0.023	-0.025

2.737		0.007	0.164		-0.074	-0.222	0.04
2.736	0.301	0.036	-0.063	0.31	-0.038		
2.737	0.037	0.049		-0.095		0.033	
2.737	-0.03	0.004	0.115		-0.064	-0.174	
2.737		0.005	0.131		-0.06	-0.153	-0.021
2.74	-0.279		0.258	-0.489		-0.116	
2.744			-0.1		-0.018		0.138
2.737		0.049		-0.123		0.02	
2.737	-0.036		0.126		-0.067	-0.182	-0.014
2.727		0.033			-0.025		
2.737		0.009	0.119	-0.005	-0.058	-0.147	
2.737			0.137	0.016	-0.064	-0.165	-0.034
2.738	0.059		0.258		-0.079	-0.244	0.003
2.738		0.063	-0.182		-0.02		0.224
2.743	0.577	0.063	0.239			0.283	
2.736	0.301	0.037		0.246	-0.037		
2.741		0.01	0.013		-0.014		-0.186
2.74	-0.142		-0.232		-0.029		0.161
2.739		0.056		-0.187		0.032	0.169
2.741				-0.062	-0.036		0.114
2.737		0.024		-0.022	-0.021		-0.078
2.737		0.044		-0.099			-0.014
2.742		0.016				-0.131	0.175
2.737	0.017	0.047		-0.09			
2.737	0.093	0.043					-0.036
2.737		0.038	-0.072		-0.02		
2.737	-0.018	0.042		-0.109			-0.02
2.737		0.018	0.146	-0.094	-0.041	-0.095	-0.015
2.74	-0.289		-0.043	-0.293			
2.738				0.191	-0.11	-0.318	0.259
2.743	-0.388		0.714	-1.146			
2.739		0.02					
2.737		0.023	-0.021		-0.022		-0.08
2.737	0.125	0.051	-0.021			0.051	
2.742		0.03	-0.075			-0.066	0.172
2.739	0.128	0.05	-0.006		-0.027		0.172
2.738	0.13	0.049			-0.028		0.169
2.74	-0.294		-0.029	-0.309			
2.74	-0.291			-0.338			
2.74	-1.217		0.417	-1.527		-0.3	0.218
2.738		0.043	-0.122		-0.027		0.178
2.739		0.034		-0.072			
2.74	-0.226			-0.218		-0.096	
2.737	0.089	0.031	0.037				-0.092
2.739	-0.105	0.038		-0.205	-0.023		0.146
2.738				0.155	-0.097	-0.237	0.207
2.738			-0.07	0.23	-0.101	-0.25	0.224
2.743		0.005			-0.012		-0.141

2.738		0.04	-0.041	-0.063	-0.028		0.155
2.741	0.056				-0.04		0.111
2.738		0.04	-0.107		-0.03		0.165
2.739		0.04		-0.103	-0.027		0.149
2.737	0.007	0.016	0.078		-0.051	-0.124	0.019
2.741				-0.084	-0.03		0.129
2.737		0.018			-0.024		-0.123
2.738	0.008	0.04	-0.098		-0.03		0.164
2.74		0.021	-0.023			-0.062	0.005
2.738	0.625			0.672	-0.048		-0.271
2.74	0.238			0.2	-0.037		
2.74	0.224		-0.035	0.216	-0.036		
2.741			-0.087		-0.032		0.142
2.737	0.239	0.022	0.235				-0.198
2.741					-0.027		
2.741			-0.054	-0.032	-0.032		0.136
2.737	0.077	0.033	0.024		-0.025		
2.738		0.021	0.253	-0.255	-0.012		-0.152
2.739	0.105	0.042			-0.033		0.151
2.737	0.088	0.022	0.166	-0.093			-0.151
2.738		0.04	-0.08		-0.016		-0.025
2.74	0.108		0.06		-0.027		
2.737				0.151	-0.071	-0.175	0.015
2.737	-0.161				-0.07	-0.207	0.06
2.737		0.002		0.135	-0.065	-0.155	
2.737	0.018			0.164	-0.069	-0.163	
2.74	-0.104		-0.134			-0.03	
2.73							0.087
2.729							0.085
2.742					-0.054		0.086
2.74	0.557			0.513		0.083	-0.229
2.737	0.078	0.029				0.059	-0.116
2.737		0.03	-0.031	-0.02	-0.023		
2.738	0.256		0.299		-0.022		-0.271
2.74	0.273		0.03	0.211	-0.038		
2.744		0.01	-0.034		-0.005		-0.058
2.74	-0.115		-0.163				
2.737		0.003		0.158	-0.076	-0.204	0.056
2.738	0.157		0.2		-0.024		-0.229
2.737	0.049			0.216	-0.078	-0.199	0.033
2.733	0.05	0.035					
2.737	-0.099	0.013			-0.06	-0.17	0.08
2.737	0.135	0.001		0.287	-0.075	-0.17	
2.737	-0.106	0.005			-0.053	-0.133	
2.737		0.021	0.171	-0.187			-0.137
2.739	-0.329	0.032		-0.433			0.139
2.738	0.247	0.026	0.227		-0.024		-0.103
2.737	0.188	0.023	0.175		-0.024		-0.1

2.741				-0.27		0.247	
2.737	0.135	0.025	0.186	-0.076	-0.02		-0.084
2.737	-0.338			-0.165	-0.072	-0.253	0.123
2.737	-0.154	0.007			-0.074	-0.234	0.117
2.737	-0.119	0.01		0.014	-0.07	-0.212	0.107
2.74	-0.095		-0.127			-0.016	
2.738	-0.885		0.208	-0.854	-0.076	-0.397	0.273
2.741	0.083				-0.036		0.13
2.741	0.428		0.174			0.207	
2.738	0.192		0.065	0.156	-0.028		-0.208
2.745				-0.044			
2.74			0.05	-0.078		-0.044	
2.744			0.531	-0.56			
2.737		0.017		0.061	-0.052	-0.126	0.054
2.738		0.02	0.238	-0.242		-0.007	-0.153
2.74				-0.034		-0.034	
2.739	0.164	0.043	0.058		-0.033		0.143
2.74			0.094	-0.151	-0.018		
2.739	0.151	0.043	0.077	-0.03	-0.032		0.14
2.738	-0.279	0.032	0.281	-0.594		-0.055	
2.74			0.016	-0.047		-0.034	
2.738	0.038	0.059	-0.145				0.207
2.739	-0.316	0.034	-0.049	-0.374			0.145
2.739	-0.36	0.031		-0.447		-0.021	0.144
2.742			0.202	-0.282	-0.022		0.098
2.738		0.031	0.227	-0.276	-0.01		-0.054
2.74			-0.035			-0.031	
2.739			0.109		-0.079	-0.183	0.17
2.744	0.041						
2.733		0.023					
2.732		0.033	-0.04				
2.739	0.208	0.044		0.099	-0.036		0.153
2.739	0.203	0.069					0.202
2.741	-0.237		-0.329				0.155
2.74			0.071	-0.098		-0.04	
2.737		0.026		-0.06		0.037	-0.105
2.738		0.058	-0.183				0.211
2.738		0.033	-0.067				-0.054
2.744		0.001					
2.738		0.036	0.311	-0.379			-0.055
2.741		0.021					
2.74	-0.012		-0.03			-0.059	
2.737		0.024	0.172	-0.199	-0.015		-0.073
2.74			-0.051	-0.006			
2.739		0.063	-0.201			0.005	0.222
2.738		0.039	0.215	-0.294	-0.009		
2.737		0.023			-0.034	-0.056	0.024
2.737	-0.029	0.016		0.006	-0.039	-0.082	

2.738	-0.015	0.037	0.189	-0.279	-0.01		
2.737		0.042	-0.111			0.021	
2.741			0.144	-0.231	-0.024		0.108
2.738	-0.077	0.034	0.245	-0.388			-0.04
2.738		0.043	0.339	-0.416		-0.025	
2.741	0.028		0.139	-0.193	-0.026		0.106
2.74	0.021					-0.049	
2.738	-0.074	0.041	0.265	-0.429			
2.744		0.03	0.759	-0.833			
2.735		0.029			-0.036		0.104
2.739	0.212					0.149	
2.744	-0.422	0.019	0.672	-1.146			
2.737		0.032	0.228	-0.29		0.009	-0.063
2.741							
2.724		0.033				0.009	
2.738		0.037	-0.077			-0.006	-0.04
2.739	0.225	0.062				0.084	0.144
2.738	-0.809	0.042	0.311	-1.15		-0.169	0.214
2.724		0.033					
2.724		0.033					
2.741	0.145		0.067		-0.035		0.114
2.74	-1.002			-0.969		-0.184	0.211
2.737	0.068	0.022		0.037			-0.105
2.738	0.464		0.131	0.398	-0.045		-0.21
2.738		0.024	-0.057			0.035	-0.103
2.741	0.135		0.049		-0.033		0.123
2.737	0.157	0.034	0.097		-0.024		
2.742	-0.209		0.227	-0.543			0.104
2.742			-0.025				
2.742	-0.109		0.288	-0.482			0.081
2.737	0.094	0.031	0.079	-0.039	-0.023		
2.741	-0.206		-0.302			-0.019	0.173
2.743			0.743	-0.805			
2.741	-0.194		-0.304				0.166
2.74		0.039	0.214	-0.311	-0.02		0.115
2.739	0.17	0.057	-0.033			0.051	0.163
2.742			0.498	-0.639		0.096	
2.742				-0.089			0.113
2.738				-0.131		0.071	
2.74	-0.062		0.112	-0.246			
2.738			0.029		-0.023		-0.167
2.738	0.443			0.503	-0.049		-0.174
2.741	0.188			0.105	-0.037		0.125
2.737	0.034	0.023			-0.022		-0.028
2.739	0.207	0.059				0.058	0.155
2.739		0.048	-0.183			0.045	0.172
2.74						-0.008	
2.741	0.146			0.056	-0.033		0.13

2.738	0.115	0.025	0.238	-0.169		0.026	-0.123
2.737	0.078	0.027		0.033	-0.023		-0.016
2.738				0.027	-0.024		-0.158
2.738	0.508	0.013		0.53	-0.048		-0.12
2.742			0.132	-0.214		-0.023	0.113
2.739		0.043		-0.156		0.047	0.128
2.737	0.079	0.028		0.03	-0.024		
2.737		0.023		-0.035	-0.021		-0.026
2.739		0.044	-0.035	-0.126		0.051	0.132
2.742	-0.168			-0.19		-0.11	0.163
2.739			0.135	-0.113	-0.017		-0.19
2.741			0.086	-0.186			0.112
2.738		0.023	0.218	-0.251		0.008	-0.102
2.738	0.031	0.022	0.242	-0.236			-0.11
2.739			-0.107	0.189	-0.083	-0.193	0.225
2.741	0.097				-0.028		0.132
2.74	0.292					0.259	
2.738	-0.21			-0.27			
2.742			-0.088				0.122
2.737	-0.565		0.167	-0.49	-0.09	-0.363	0.247
2.738	0.876			0.819		0.196	-0.465
2.741				-0.101		-0.005	0.126
2.738	-0.02				-0.022		-0.146
2.742			0.179	-0.274			0.097
2.737		0.018	-0.018		-0.024		-0.048
2.737	-0.464	0.016		-0.321	-0.074	-0.3	0.274
2.738	0.28	0.03	0.205			0.058	-0.139
2.74	-0.81			-0.792		-0.124	0.165
2.738	0.25	0.029	0.172			0.059	-0.128
2.743		0.011			-0.065		0.091
2.739			0.226	-0.202	-0.013		-0.212
2.739	0.055	0.049	-0.102				0.183
2.743	-0.294		0.572	-0.948		0.034	
2.738	0.178		0.219		-0.026		-0.192
2.747							0.055
2.738	-0.674			-0.46	-0.084	-0.356	0.278
2.739	0.248		0.266			0.019	-0.288
2.737	-0.514	0.002	0.109	-0.392	-0.092	-0.353	0.252
2.738		0.016				-0.017	-0.146
2.742			-0.01	-0.089			0.119
2.742				-0.098		-0.003	0.119
2.737	-0.534		0.112	-0.405	-0.094	-0.363	0.254
2.743					-0.038		0.086
2.742			0.026	-0.123		-0.01	0.122
2.743	-0.358		0.602	-1.005			
2.739		0.044	-0.174			0.061	0.149
2.739	0.202		0.264	-0.034			-0.268
2.742			0.072	-0.16		-0.023	0.121

2.739	0.232		0.261				-0.274
2.743	-0.423		0.629	-1.103	0.005		
2.739	0.014	0.044	-0.16			0.061	0.147
2.739					-0.019	-0.002	-0.117
2.743			0.421	-0.533		0.073	
2.742			-0.107			0.013	0.123
2.741				-0.11	-0.019		0.138
2.743	-0.391		0.635	-1.075			
2.74		0.039	0.059	-0.178			0.135
2.744				-0.166		0.169	
2.739	0.171		0.18			0.03	-0.26
2.738	-0.589			-0.358	-0.093	-0.381	0.291
2.73				-0.048	-0.021		
2.745	0.255		0.229				
2.741			-0.107			-0.003	0.14
2.737	-0.575			-0.363	-0.086	-0.336	0.261
2.742				-0.082		-0.041	0.142
2.737	-0.501	0.005		-0.31	-0.084	-0.314	0.254
2.739	0.076		0.187	-0.09			-0.225
2.739	0.093		0.172	-0.069		0.013	-0.232
2.737	-0.018	0.032		-0.103		0.022	
2.737		0.033	-0.008	-0.081		0.026	
2.743	0.38	0.057				0.345	
2.737	0.061	0.035	-0.043			0.039	
2.737	-0.079	0.029	0.029	-0.172			
2.739			0.209	-0.185		-0.013	-0.207
2.739			0.228	-0.198		-0.017	-0.209
2.739			0.206	-0.189			-0.214
2.726	0.036				-0.026		
2.745		0.034	-0.115		-0.018		0.155
2.741		0.037	-0.117		-0.009		0.079
2.738			0.108	-0.081	-0.022		-0.144
2.737	-0.388	0.005		-0.18	-0.095	-0.335	0.265
2.741		0.038	0.19	-0.298		-0.004	0.117
2.741	-0.011	0.039	0.208	-0.329			0.112
2.737	1.487	0.057		1.257		0.311	-0.461
2.738	0.233	0.025	0.196				-0.109
2.744	0.174					0.172	
2.738	-0.096	0.031		-0.179		0.017	
2.738	-0.166	0.031		-0.244			0.024
2.723					-0.031	-0.024	
2.738		0.03		-0.09		0.036	-0.026
2.737	-0.122	0.027	0.083	-0.261		-0.005	
2.738	0.007	0.028		-0.075		0.039	-0.042
2.719					-0.031		
2.743		0.021			-0.05		
2.742			0.501	-0.631		0.076	
2.742	0.083						0.107

2.743			0.466	-0.479	-0.031		
2.737	0.726	0.03		0.733	-0.052		-0.187
2.738	0.092	0.029				0.054	-0.057
2.741	-0.034	0.038	0.173	-0.308		-0.014	0.121
2.742			0.414	-0.576	0.007	0.111	
2.739	-0.053	0.037	-0.18				0.168
2.739			0.542	-0.599			
2.724			-0.018		-0.025		
2.74	0.18	0.048				0.068	0.123
2.742	-0.034			-0.157			0.137
2.721					-0.027		
2.741	-0.753		-0.017	-0.727		-0.115	0.161
2.738	0.177	0.04	0.057			0.041	
2.738	-0.402	0.059		-0.545		-0.067	0.232
2.745			-0.178			0.2	
2.74					-0.05	-0.088	0.157
2.738	-0.284	0.063	0.118	-0.581			0.185
2.732				-0.064			
2.745							
2.731				-0.062			
2.739	0.292			0.266		0.058	-0.261
2.742	0.036		-0.038			-0.049	0.147
2.748	0.233	0.047				0.158	
2.742	0.021		-0.054			-0.051	0.151
2.742			0.683	-0.739	-0.015		
2.738	0.139	0.035	0.089	-0.035		0.012	
2.742			-0.067			-0.063	0.159
2.742	0.076					-0.036	0.133
2.739	0.136		0.273	-0.121	-0.018		-0.18
2.739	0.007					0.021	-0.179
2.739			0.005			0.009	-0.183
2.739				-0.004		0.017	-0.178
2.743			0.602	-0.659			
2.739	0.044			0.051			-0.176
2.742	0.091					-0.022	0.132
2.742	0.088					-0.012	0.118
2.738		0.032	0.322	-0.385			
2.737		0.042			-0.062	-0.164	0.24
2.737	-0.159	0.014			-0.094	-0.285	0.251
2.739	-0.245		0.32	-0.516		-0.077	-0.112
2.737	-0.19	0.015	-0.054		-0.087	-0.261	0.25
2.737	1.052			1.165	-0.076		-0.347
2.743		0.043		-0.326		0.303	
2.737			0.457	-0.492	-0.037		
2.739	-0.142		0.28	-0.385		-0.047	-0.14
2.737	-0.144	0.016			-0.09	-0.275	0.251
2.742	0.114		0.008				0.121
2.735					-0.043		0.103

2.738		0.077	0.246	-0.457			0.188
2.738	-0.264	0.063		-0.449			0.201
2.74	0.21	0.047	0.046			0.047	0.124
2.737	-0.162	0.013	-0.008		-0.092	-0.28	0.251
2.743	0.964	0.074		0.518		0.387	
2.738	-0.215	0.066		-0.406	-0.001		0.205
2.749						0.024	
2.739	-0.395	0.06	0.25	-0.824	0.015		0.165
2.737	-0.179	0.015	-0.047		-0.086	-0.258	0.249
2.739			0.277	-0.251		-0.019	-0.176
2.738		0.021	-0.064			0.034	-0.057
2.743					-0.021		
2.738	-0.583	0.041		-0.67		-0.084	0.211
2.739	0.017		0.242	-0.21			-0.183
2.739	-0.579		0.317	-0.826		-0.156	
2.737		0.015	0.138		-0.066	-0.198	
2.727			-0.063			0.03	
2.728	0.049						
2.745		-0.019					
2.739	-0.583		0.336	-0.848		-0.154	
2.739	-0.27	0.057	0.194	-0.626			0.165
2.725	0.042						
2.741	0.186	0.045		0.032		0.031	0.135
2.738	-0.232				-0.11	-0.355	0.269
2.725	0.047		0.005				
2.738	0.403	0.048	0.331				-0.16
2.738	-0.238		-0.011		-0.108	-0.348	0.267
2.737	0.094		0.293		-0.072	-0.215	-0.089
2.738	-0.239		-0.006		-0.111	-0.362	0.276
2.738		0.026	0.084		-0.079	-0.222	0.23
2.737		0.008	0.165		-0.069	-0.201	-0.029
2.738	-0.268		-0.053		-0.104	-0.332	0.264
2.737	-0.124	0.015			-0.086	-0.236	0.228
2.739	0.187		0.19			0.032	-0.218
2.737	0.029	0.01	0.19		-0.071	-0.208	
2.737		0.009	0.177	-0.01	-0.072	-0.213	
2.725			-0.036				
2.725			-0.036				
2.744	0.373		0.212			0.129	
2.737			0.244	-0.04	-0.074	-0.232	-0.049
2.744		0.01	0.435	-0.472			
2.737			0.207		-0.077	-0.24	-0.036
2.739	0.257	0.038		0.135		0.051	-0.023
2.737		0.023					0.079
2.736	0.353	0.021		0.366	-0.039		-0.151
2.743		0.014				-0.12	0.159
2.737		0.042	-0.048		-0.048	-0.092	0.208
2.743		0.039	0.556	-0.728		0.121	

2.738		0.065		-0.181	-0.014		0.2
2.738		0.022	0.099		-0.081	-0.22	0.216
2.737		0.057	0.34	-0.439		-0.039	
2.737		0.05	0.288	-0.383			-0.061
2.737			0.248	-0.026	-0.084	-0.271	
2.737		0.045		-0.072	-0.04	-0.066	0.193
2.737	0.26	0.057	0.15		-0.019		
2.737	0.008		0.228		-0.084	-0.268	
2.738		0.022	0.101	0	-0.082	-0.222	0.216
2.736	0.252	0.027	0.014	0.227	-0.032		-0.117
2.736	0.292	0.028		0.267	-0.03	0.015	-0.127
2.747		0.039		-0.145		0.077	
2.73		0.03					0.088
2.737	0.002		0.214	0.005	-0.083	-0.26	
2.738		0.032		0.024	-0.064	-0.159	0.22
2.742			-0.122		-0.021		0.16
2.737		0.024		0.077	-0.078	-0.2	0.223
2.737	0.209	0.02		0.296	-0.066	-0.135	
2.743		0.019				-0.147	0.183
2.737	0.26	0.024	0.267		-0.024		-0.184
2.737	0.093	0.061	0.268	-0.308			
2.731		0.029					0.087
2.743		0.018				-0.141	0.176
2.741	-0.532			-0.607			0.117
2.741	-0.506			-0.583	-0.005		0.122
2.742	-0.517		0.399	-0.862		-0.165	0.123
2.741	-0.553		-0.037	-0.596			0.126
2.719							
2.718						-0.001	
2.719						-0.003	
2.736	0.037	0.018	0.091		-0.041	-0.08	-0.066
2.737		0.019	0.06		-0.044	-0.099	-0.038
2.738		0.058	-0.003	-0.153	-0.019		0.185
2.738		0.036	0.009	-0.032	-0.051	-0.104	0.197
2.737		0.016	0.077	-0.003	-0.047	-0.106	-0.046
2.745		0.059		-0.409	0.063	0.344	
2.738	-0.32	0.05		-0.472	-0.001		0.179
2.737	0.114	0.031	0.083		-0.021		-0.094
2.737		0.057	0.242	-0.364	-0.001		
2.737		0.029	-0.024	0.053	-0.066	-0.147	0.208
2.744		0.045	0.474	-0.687	0.022	0.146	
2.736	-0.012	0.022	0.039		-0.046	-0.105	
2.744	0.311		0.326		-0.056		
2.736		0.023	0.038	0.004	-0.045	-0.097	
2.737		0.022		0.06	-0.049	-0.12	
2.747			0.005				
2.738		0.071		-0.216		0.02	0.2
2.739	-0.009			-0.022		0.026	-0.138

2.736	-0.015	0.017	0.047	0.02	-0.053	-0.128	
2.747	-0.001						
2.746				-0.001			
2.736	0.035	0.023		0.077	-0.047	-0.096	
2.739	0.602			0.294		0.257	
2.737		0.021		0.053	-0.047	-0.105	-0.009
2.736	0.574	0.041	-0.02	0.451		0.164	-0.241
2.737	0.279	0.049		0.19	-0.027		
2.743							0.069
2.736	0.576	0.039		0.44		0.163	-0.251
2.737		0.032			-0.036	-0.079	0.012
2.737	0.392			0.502	-0.06	-0.057	-0.187
2.737	0.618		-0.057	0.76	-0.059		-0.255
2.741	-0.46		-0.12	-0.422	-0.011		0.138
2.737		0.014		0.104	-0.059	-0.148	-0.003
2.737	0	0.031			-0.035	-0.073	
2.743						-0.097	0.136
2.739			-0.181	0.165	-0.035		
2.739	-0.435		0.118	-0.52		-0.088	
2.739		0.06	0.218	-0.38	-0.009		0.162
2.737	-0.014	0.028			-0.037	-0.08	0
2.739	-0.421			-0.408		-0.076	
2.739		0.064	0.322	-0.487		-0.019	0.164
2.737		0.036	0.106	-0.161	-0.013		-0.064
2.744	0.584	0.069	0.203		0.029	0.306	
2.744	0.451	0.071			0.05	0.38	
2.741	-0.197		-0.256		-0.033		0.144
2.741	-0.546		-0.109	-0.524			0.135
2.743	0.187	0.049	0.422	-0.469		0.18	
2.738		0.065	0.012	-0.222		0.043	0.174
2.739	-0.092		-0.115		-0.027		
2.739	0.027		-0.15	0.165	-0.036		
2.737			0.076	0.075	-0.063	-0.157	-0.062
2.737	0.075	0.041			-0.017		-0.028
2.742	0.32				0.052	0.233	
2.741	-0.431			-0.51	-0.01		0.12
2.737	0.186	0.04	0.082			0.071	-0.131
2.737	-0.052		0.1		-0.061	-0.164	-0.052
2.739		0.035		-0.059	-0.021		
2.737	0.1			0.279	-0.083	-0.21	
2.744		0.043	0.506	-0.699		0.138	
2.735		0.026			-0.061		0.118
2.737	-0.12		0.08	-0.033	-0.068	-0.199	
2.743	-0.399	0.019	0.753	-1.2			
2.742				-0.309	0.04	0.259	
2.744		0.041	0.486	-0.674		0.136	
2.736	0.051	0.036			-0.025		
2.737				0.167	-0.073	-0.193	-0.016

2.736	0.063	0.042	0.025	-0.041	-0.019		
2.737	-0.086	0.015			-0.052	-0.135	0.01
2.738	0.213			0.364	-0.074	-0.169	-0.072
2.738	0.072	0.058	-0.085		-0.025		0.196
2.737	0.289	0.064	0.124			0.037	
2.741	-0.67			-0.656		-0.209	0.237
2.738	0.167	0.063			-0.025		0.193
2.741			-0.05		-0.037		0.114
2.737	-0.199		0.112	-0.151	-0.061	-0.197	-0.005
2.737		0.04	0.117	-0.204		0.025	-0.074
2.737	-0.096	0.005	0.294	-0.215	-0.065	-0.22	
2.739	-0.087		-0.099	-0.026	-0.024		
2.737	-0.174		0.29	-0.255	-0.073	-0.261	0.026
2.737		0.024			-0.027		
2.738	0.769		0.253	0.587	-0.046		-0.358
2.741				-0.049	-0.036		0.108
2.737	-0.145		0.324	-0.266	-0.069	-0.249	
2.737		0.039		-0.073	-0.015		-0.026
2.737		0.011	0.306	-0.159	-0.062	-0.199	
2.737	-0.073	0.038	0.132	-0.277			-0.053
2.737		0.008	0.296	-0.139	-0.064	-0.2	-0.01
2.739	-0.065			-0.093	-0.025		
2.738		0.054	-0.151		-0.024		0.2
2.737	0.131	0.048				0.053	-0.056
2.744	-0.146	0.031		-0.216			
2.741			-0.209	0.154	-0.043		0.136
2.738			0.156	0.066	-0.113	-0.339	0.241
2.737	0.303	0.029	0.251			0.064	-0.226
2.737			0.293	-0.097	-0.072	-0.228	-0.02
2.738			0.191	0.034	-0.114	-0.348	0.243
2.744	0.538	0.055	0.247			0.243	
2.738			0.223		-0.112	-0.341	0.234
2.725		0.035			-0.03		
2.744		0.029	0.82	-0.89			
2.737	-0.128	0.044	0.118	-0.339		-0.005	
2.743					-0.096		0.127
2.741	0.043				-0.04		0.105
2.737	0.043	0.004	0.216		-0.072	-0.209	
2.73		0.033			-0.031	-0.025	
2.737	0.045		0.235		-0.074	-0.215	-0.022
2.749		-0.007					0.046
2.737	-0.248	0.007	0.177	-0.279	-0.058	-0.204	0.042
2.737		0.001	0.189		-0.075	-0.221	0.002
2.737	-0.163				-0.069	-0.21	0.028
2.727		0.035			-0.026		
2.746					-0.048	0.056	
2.737	-0.169	0.007	0.188	-0.229	-0.052	-0.17	
2.737	-0.311		0.181	-0.309	-0.065	-0.239	0.051

2.737	0.102	0.01	0.241		-0.066	-0.184	-0.008
2.747	0.136					0.088	
2.731		0.034	-0.023		-0.023		
2.737	0.148	0.056		-0.004		0.042	
2.743	0.637	0.064	0.317			0.257	
2.74	-1.208		0.476	-1.567		-0.302	0.209
2.743	-0.27		0.657	-0.965			
2.738				0.194	-0.109	-0.301	0.242
2.737		0.045		-0.112		0.024	-0.027
2.737		0.031	-0.047		-0.02		-0.05
2.737		0.023	0.089	-0.103	-0.018		-0.103
2.737		0.007	0.142	-0.025	-0.056	-0.141	-0.025
2.743		0.027		-0.062			
2.736	0.321	0.037	-0.06	0.327	-0.039		
2.737	-0.018	0.004	0.124		-0.063	-0.166	-0.012
2.743	0.582	0.063	0.245			0.282	
2.743	-0.41		0.712	-1.172	0.01		
2.734	-0.594			-0.626			
2.745	0.03				-0.025		
2.74	-0.143		-0.232		-0.029		0.161
2.746	0.323		0.305				
2.737	0.04	0.044		-0.057			-0.022
2.738	0.069	0.047	-0.058		-0.027		0.174
2.743	-0.429		0.707	-1.178			
2.741		0.034		-0.074			
2.743	-0.424		0.734	-1.192		-0.01	
2.743			0.56	-0.573	-0.024		
2.743					-0.031	-0.021	
2.739		0.035		-0.071			
2.745				-0.028	-0.023		
2.74	-0.289		-0.045	-0.29			
2.738	-0.126	0.037	-0.06	-0.168	-0.023		0.155
2.74	-1.212		0.384	-1.494		-0.29	0.217
2.741	0.701		0.602				
2.743					-0.025		
2.738			-0.043	0.203	-0.099	-0.247	0.219
2.739	-0.128	0.037		-0.228	-0.021		0.146
2.738		0.04	-0.055	-0.051	-0.028		0.157
2.749						0.042	
2.743			0.514	-0.592		0.045	
2.741	0.047	0.023					
2.737	-0.792	0.022	0.226	-0.896	-0.049	-0.295	0.252
2.744	0.273	0.04				0.26	
2.739	0.32		-0.068	0.356	-0.044		
2.738	-0.003	0.04	-0.11		-0.03		0.165
2.741			-0.015	-0.07	-0.03		0.131
2.746				-0.09		0.045	
2.742			-0.005		-0.027		

2.737	0.218	0.021	0.239	-0.026			-0.195
2.744				-0.144		0.163	
2.738	0.115	0.067	-0.115			0.056	0.188
2.729							0.088
2.738	-0.878		0.374	-0.969	-0.085	-0.462	0.284
2.736		0.035	-0.077			0.04	
2.742		0.007			-0.056		0.09
2.739	0.244	0.074				0.055	0.183
2.737	0.061	0.035					
2.737	-0.135	0.005			-0.065	-0.185	0.061
2.737		0.004		0.134	-0.067	-0.163	0.02
2.737	-0.069			0.088	-0.071	-0.19	0.035
2.746				-0.042			
2.739		0.024	-0.034				
2.748	0.422	0.057			0.073	0.313	
2.74	-0.109		-0.139			-0.026	
2.737	0.024	0.002		0.158	-0.066	-0.153	
2.738	0.235		0.283		-0.023		-0.262
2.746	0.039						
2.744		0.01	0.55	-0.581			
2.739	-0.455	0.026		-0.523		-0.04	0.15
2.732	0.066	0.035	0.018				
2.733	0.05	0.035					
2.737	-0.226	0.01		-0.109	-0.061	-0.193	0.1
2.741	-0.151			-0.407		0.238	
2.741	0.445		0.192			0.207	
2.738	-0.257	0.035	0.405	-0.687		-0.079	
2.737		0.023	0.14	-0.172		0.018	-0.135
2.74				-0.271		0.249	
2.737	0.042	0.003		0.197	-0.076	-0.193	0.04
2.743		0.042	0.953	-1.052			
2.744			0.597	-0.636			
2.738	-0.895		0.246	-0.9	-0.074	-0.397	0.267
2.738		0.06	-0.209			0.04	0.198
2.744	0.15					0.164	
2.744		0.028		-0.225		0.223	
2.739	-0.331	0.032	-0.01	-0.426			0.14
2.737	0.238	0.024	0.224		-0.024		-0.109
2.738	0.215	0.026	0.232	-0.037	-0.022		-0.103
2.741	0.426		0.163		0.007	0.211	
2.741	0.46		0.216			0.193	
2.736		0.018					
2.738	0.108	0.065	-0.088				0.208
2.737	0.185	0.023	0.176	-0.004	-0.024		-0.099
2.741	-0.22		-0.305				0.149
2.733		0.034	-0.043				
2.738	-0.44	0.035	0.289	-0.759		-0.091	0.063
2.74			0.05	-0.078		-0.044	

2.744	-0.211	0.025	0.725	-0.999			
2.733		0.023				0.004	
2.74		0.024			-0.037		0.096
2.744	0.676			0.459		0.187	
2.739	-0.36	0.031	-0.04	-0.414		-0.016	0.148
2.739	0.16	0.043	0.062	-0.007	-0.033		0.142
2.732		0.033	-0.04				
2.739	0.256					0.195	
2.738			-0.33			0.325	
2.742	-0.008		0.21	-0.298	-0.022		0.097
2.742			0.202	-0.281	-0.022		0.098
2.738		0.034	-0.085			0.025	-0.059
2.738	-0.794	0.047	0.47	-1.281		-0.202	0.218
2.738		0.032	0.248	-0.301	-0.009		-0.053
2.741	-0.237		-0.329			0	0.155
2.744		0.03	0.765	-0.831	-0.011		
2.738		0.036	0.358	-0.412		-0.022	-0.051
2.741	0.316				0.024	0.266	
2.735		0.03			-0.038		0.103
2.744			-0.019				
2.738	-0.014	0.036	0.306	-0.389			-0.052
2.745			-0.152			0.187	
2.741	-0.033		0.159	-0.281	-0.021		0.107
2.742	-0.194		0.283	-0.576			0.094
2.738	-0.002	0.039	0.216	-0.297	-0.009		
2.744	-0.436	0.019	0.67	-1.162	0.006		
2.74	-0.98			-0.947		-0.173	0.203
2.741	0.171		0.1		-0.036		0.107
2.742						-0.008	
2.738	-0.771	0.046	0.264	-1.084		-0.153	0.219
2.724		0.034				0.01	
2.742			0.632	-0.732		0.047	
2.744	-0.415	0.019	0.668	-1.134			
2.722		0.034				0.014	
2.725		0.033					
2.745	0.886	0.079		0.402	0.042	0.399	
2.742			0.748	-0.802	-0.011		
2.746			0.05		-0.054		
2.743			-0.037			0.013	
2.738			0.586	-0.619	-0.034		
2.737	-0.494	0.029		-0.418	-0.058	-0.25	0.269
2.737	0.292	0.015		0.302	-0.038		-0.097
2.738	0.468		0.134	0.4	-0.045		-0.211
2.741				-0.175	0.018	0.104	
2.741	-0.205		-0.301			-0.019	0.173
2.739	0.104	0.054	-0.094			0.055	0.164
2.742			0.486	-0.637	0.008	0.102	
2.738				-0.133		0.072	

2.742			0.049	-0.137			0.107
2.742				-0.094		0.01	0.108
2.737	-0.584	0.017		-0.464	-0.063	-0.274	0.262
2.738			0.086	-0.057	-0.021		-0.178
2.741	0.202			0.121	-0.037		0.125
2.736	-0.172			-0.228	-0.007		
2.742			0.148	-0.223		-0.026	0.109
2.742			0.113	-0.199		-0.018	0.114
2.738	1.212			1.138		0.25	-0.566
2.738	0.109	0.025	0.234	-0.172		0.025	-0.122
2.74	0.293					0.26	
2.739		0.043	-0.019	-0.139		0.049	0.13
2.738		0.032	0.375	-0.42	-0.028		
2.746		-0.009					0.053
2.738	-0.21			-0.269			
2.74	-0.816		0.117	-0.898		-0.139	0.154
2.742			-0.101			0.022	0.113
2.744	0.376		0.397		-0.055		
2.743		-0.022					
2.737	-0.604	-0.003	0.177	-0.522	-0.092	-0.38	0.25
2.744			0.22	-0.358		0.12	
2.737	-0.578		0.158	-0.497	-0.088	-0.359	0.246
2.743	-0.208		0.526	-0.816		0.038	
2.738	0.813		0.02	0.743		0.181	-0.448
2.725	0.129		0.105		-0.037		
2.743	-0.295		0.56	-0.946	0.008	0.039	
2.737	0.834	0.028	0.201	0.663	-0.051		-0.262
2.738	0.285	0.031	0.208			0.057	-0.134
2.743	-0.326		0.547	-0.959		0.042	
2.744					-0.037		0.086
2.739	0.367		0.254	0.121		0.039	-0.322
2.745	0.347		0.309				
2.743			0.436	-0.526	-0.01	0.059	
2.738	-0.674			-0.459	-0.084	-0.357	0.278
2.742			-0.008	-0.091		-0.001	0.119
2.743	-0.377		0.591	-1.011			
2.743	-0.34		0.597	-0.98	-0.002		
2.739	0.244		0.262			0.021	-0.287
2.737	-0.515	0.002	0.107	-0.393	-0.092	-0.352	0.252
2.738		0.025	0.473	-0.534			
2.743	-0.426		0.628	-1.106	0.005		
2.728				-0.044	-0.024		
2.745				0.046	-0.049		
2.745	-0.045				-0.046		
2.739	0.006	0.044	-0.169			0.061	0.148
2.744	-0.073			-0.233		0.165	
2.744	0.954	0.061		0.583		0.327	
2.739	0.202		0.269	-0.038			-0.269

2.744				-0.171	0.003	0.172	
2.73				-0.048	-0.022		
2.748			0.023				
2.745	0.253	-0.001	0.228				
2.737	1.223	0.046		1.098	-0.027	0.179	-0.352
2.743	0.504	0.062		0.108		0.356	
2.743	0.38	0.058				0.344	
2.737	-0.53	0.004		-0.338	-0.083	-0.315	0.254
2.737	1.479	0.055	0.133	1.144		0.291	-0.488
2.745	0.406			0.379			
2.744		0.082	0.466	-0.905	0.078	0.309	
2.737	-0.015	0.032	-0.004	-0.097		0.023	
2.739			0.264	-0.231		-0.027	-0.21
2.745		0.017	-0.213			0.235	
2.725	0.03				-0.028		
2.744		0.011	0.486	-0.501	-0.031		
2.717			0.052		-0.044	-0.06	
2.727	0.035				-0.026		
2.741	-0.135	0.032	0.251	-0.455		-0.044	0.118
2.744	0.154				-0.01	0.162	
2.747	-0.02						
2.722					-0.033	-0.017	
2.743			0.544	-0.571	-0.025		
2.744	0.404		0.268			0.111	
2.744	0.137		-0.04			0.181	
2.743					-0.014		
2.723					-0.032	-0.024	
2.722			-0.015		-0.029		
2.737	1.649	0.055		1.417		0.345	-0.523
2.737	0.39	0.046	0.338		-0.018		-0.155
2.747				0.017			
2.719					-0.031		
2.746					-0.042	0.068	
2.738	-0.116	0.031		-0.199		0.012	0.008
2.737	0.831	0.023		0.868	-0.06		-0.229
2.743			0.494	-0.626	0.001	0.08	
2.748		-0.017				0.023	
2.742	0.085					0.003	0.106
2.746	0.668	0.104			0.109	0.512	
2.724			-0.018		-0.025		
2.742		-0.017			-0.019		
2.749	0.244	0.049				0.17	
2.738	-0.402	0.066	0.166	-0.762	0.013		0.185
2.738	-0.494	0.054		-0.618		-0.074	0.226
2.738	-0.207	0.07	0.188	-0.589			0.187
2.731				-0.064			
2.75	0.218	0.043				0.148	
2.745			-0.18		0.001	0.201	

2.737		0.032	0.313	-0.244	-0.046	-0.164	
2.743	0.924	0.075		0.481		0.383	
2.737	0.456	0.054	0.342			0.058	-0.187
2.737	0.165	0.033	0.227		-0.054	-0.149	
2.742	0.035		-0.039			-0.049	0.147
2.737	-0.092	0.028			-0.082	-0.245	0.257
2.743	0.364		0.27		-0.03	0.086	
2.746	-0.446			-0.432			
2.737	1.071		0.111	1.078	-0.073		-0.377
2.737		0.037	0.045		-0.073	-0.206	0.246
2.739	0.749		0.686		-0.052		
2.738		0.039	0.268	-0.241	-0.059	-0.187	0.212
2.737		0.047		-0.036	-0.052	-0.134	0.235
2.737	-0.168	0.023	-0.078		-0.078	-0.226	0.25
2.738		0.078	0.307	-0.502		-0.028	0.195
2.743		0.043		-0.326		0.303	
2.737	-0.174	0.014	-0.02		-0.092	-0.28	0.252
2.744		0.042	0.529	-0.731	0.022	0.137	
2.737	0.262	0.052	0.374	-0.196			-0.127
2.739	-0.245		0.313	-0.51		-0.075	-0.111
2.737	1.177			1.277	-0.074	0.033	-0.393
2.738		0.076	0.225	-0.43	-0.003		0.188
2.737	0.145	0.012	0.274		-0.056	-0.145	-0.102
2.737	-0.146	0.016	-0.002		-0.09	-0.274	0.251
2.738	-0.267	0.063		-0.452	0		0.201
2.739	-0.386	0.061	0.268	-0.834	0.015		0.164
2.746		-0.019	0.008				
2.728			-0.065			0.031	
2.744	-0.525			-0.803	0.058	0.234	
2.746	-0.007	-0.02					
2.728	0.049						
2.738	0.329		0.276	0.243	-0.075	-0.185	-0.15
2.745		-0.019		0.004			
2.739	-0.579		0.32	-0.829		-0.157	
2.737		0.015	0.139		-0.066	-0.197	-0.004
2.725	0.056		0.014				
2.744	0.855	0.039	0.741				
2.741	0.521			0.193	0.03	0.258	
2.744		0.053	0.236	-0.551	0.042	0.25	
2.738	-0.242		-0.013		-0.109	-0.352	0.269
2.738	0.101		0.303		-0.073	-0.222	-0.088
2.737		0.008	0.207	-0.045	-0.066	-0.195	-0.041
2.737	0.122	0.013	0.147	0.121	-0.073	-0.194	
2.739		0.02					0.078
2.725			-0.036				
2.737		0.051	0.364	-0.439		-0.035	-0.055
2.751		0.04		-0.191	0.017	0.113	
2.738			0.279	-0.069	-0.075	-0.243	-0.049

2.747		0.039		-0.148		0.079	
2.744	0.255	0.056	0.362	-0.395	0.025	0.217	
2.743		0.036	0.555	-0.711		0.108	
2.743		0.038	0.586	-0.747		0.109	
2.743		0.015				-0.124	0.162
2.736	0.415	0.023		0.408	-0.035	0.029	-0.177
2.743	0.013	0.039	0.55	-0.711		0.125	
2.748		0.037		-0.142		0.075	
2.73		0.029					0.089
2.736	0.371	0.02	-0.012	0.398	-0.041		-0.153
2.737	0.223	0.03		0.256	-0.054	-0.1	
2.737		0.044	-0.033	-0.032	-0.043	-0.077	0.203
2.737	0.201	0.058	0.192	-0.107	-0.014		
2.738		0.022	0.083	0.017	-0.082	-0.222	0.219
2.738	-0.045		0.263	-0.086	-0.081	-0.273	
2.737	-0.012	0.057	0.343	-0.452		-0.041	
2.737		0.05	0.282	-0.376	-0.001		-0.06
2.742			-0.429		0.062	0.39	
2.736	0.273	0.027	0.01	0.244	-0.03	0.009	-0.124
2.741	-0.432			-0.496	-0.011		0.115
2.745		0.069		-0.474	0.08	0.389	
2.744		0.058		-0.412	0.065	0.348	
2.731	0.147	0.039	0.115		-0.035		
2.719						-0.003	
2.741	-0.541		-0.052	-0.564			0.123
2.741	-0.509		-0.048	-0.541	-0.006		0.129
2.744	0.134	0.063		-0.289	0.06	0.356	
2.736	0.05	0.023	0.075		-0.035	-0.059	-0.063
2.744	0.367		0.374		-0.056		
2.736		0.021	0.074	-0.028	-0.04	-0.085	-0.043
2.74	0.572			0.268		0.252	
2.744	0.314	0.002	0.328		-0.057		
2.74	-0.174		-0.225		-0.034		0.136
2.739	-0.391	0.026		-0.44			
2.736	-0.052	0.022	0.062	-0.065	-0.043	-0.107	
2.737		0.023		0.06	-0.051	-0.125	0.011
2.741	-0.382		-0.168	-0.285	-0.019		0.138
2.742	0.314				0.046	0.23	
2.743	0.043	0.027			-0.026		
2.743		0.028		-0.046	-0.023		
2.744	0.52	0.07	0.104		0.039	0.343	
2.736	0.731	0.04	-0.05	0.627		0.2	-0.291
2.739	0.076		-0.201	0.264	-0.04		
2.737	0.488		-0.031	0.621	-0.061	-0.036	-0.212
2.737	-0.009	0.031			-0.038	-0.087	0.015
2.744	0.605	0.074	0.19		0.037	0.333	
2.742				-0.315	0.043	0.267	
2.744	0.589	0.068	0.209		0.029	0.306	

2.739		0.036		-0.057	-0.022		
2.737		0.036		-0.052	-0.024		
2.744	0.236	0.05	0.449	-0.444		0.174	
2.746			0.068		-0.054		
2.744	0.442	0.069			0.048	0.373	
2.744	0.451	0.071			0.05	0.38	
2.743	0.308				0.052	0.223	
2.744	0.202	0.049	0.414	-0.445		0.18	
2.744	0.805			0.849	-0.083		
2.741	-0.04	0.034		-0.1	-0.018		
2.737	0.05	0.037			-0.027		
2.744	-0.424	0.019	0.751	-1.23	0.011		
2.747		-0.021				0.042	
2.743	-0.27	0.022	0.781	-1.107			
2.744	-0.325	0.017	0.715	-1.083			
2.739		0.023			-0.032	-0.023	
2.734	0.044	0.036			-0.027		
2.741			-0.155	0.108	-0.041		0.126
2.735		0.026			-0.061		0.119
2.744		0.044	0.551	-0.741		0.13	
2.746		0.061	-0.594		0.099	0.54	
2.738	0.111	0.061	-0.053		-0.025		0.197
2.739		0.025	-0.015		-0.025		
2.744	0.539	0.051	0.269			0.225	
2.745		-0.012			-0.046	0.054	
2.737		0.024			-0.027		
2.737	-0.13	0.009	0.343	-0.317	-0.057	-0.213	
2.738	-0.31		0.334	-0.419	-0.073	-0.3	0.064
2.737	-0.13	0.004	0.28	-0.226	-0.068	-0.234	0.019
2.744	-0.147	0.031		-0.217			
2.737			0.091		-0.055	-0.082	
2.744	-0.142	0.03		-0.211			
2.725		0.036			-0.031		
2.73		0.034			-0.032	-0.025	
2.729		0.035	-0.019		-0.028		
2.737		0.01	0.31	-0.162	-0.062	-0.197	-0.007
2.727		0.034			-0.032	-0.013	
2.743		0.028	0.823	-0.887	-0.008		
2.744	-0.395		0.586	-1.005			
2.733		0.035	-0.026		-0.025		
2.738			0.16	0.061	-0.113	-0.336	0.239
2.744	0.521	0.054	0.231			0.244	
2.744		0.031	0.858	-0.933			
2.727		0.032	0.023		-0.036	-0.04	
2.737	-0.365	0.011	0.196	-0.428	-0.053	-0.215	0.079
2.737	0.065	0.004	0.233		-0.07	-0.197	-0.021
2.747	0.128					0.081	
2.744	0.234	0.03				0.234	

2.738	-0.775	0.024	0.413	-1.032	-0.055	-0.354	0.262
2.741	0.734		0.637				
2.743	0.646	0.063	0.329			0.255	
2.74	-1.198		0.415	-1.505		-0.284	0.206
2.746	0.03				-0.023		
2.743	-0.233		0.645	-0.911	-0.005		
2.743	-0.288		0.668	-0.989		-0.005	
2.74		0.03	-0.381			0.38	
2.744		0.01	0.579	-0.594	-0.024		
2.747	0.423	0.06			0.069	0.316	
2.734	-0.612			-0.642			
2.744		0.019		-0.189		0.2	
2.745					-0.029	-0.022	
2.743	-0.548		0.69	-1.286	0.015		
2.744		0.025		-0.059			
2.744			0.281	-0.389		0.099	
2.746				-0.027	-0.022		
2.735	-0.617			-0.651	0.003		
2.743	-0.426		0.721	-1.192	0.009	-0.005	
2.745	0.32	-0.003	0.303				
2.745	0.331		0.312				
2.741		0.035		-0.074			
2.743			0.546	-0.582	-0.018	0.018	
2.744				-0.01	-0.028	-0.015	
2.743			0.537	-0.544	-0.026		
2.743	-0.439		0.721	-1.197		-0.006	
2.746				0.066	-0.051		
2.746	-0.064				-0.047		
2.743			-0.001		-0.025		
2.743	0.046	0.02					
2.739	-0.129	0.037	-0.057	-0.175	-0.022		0.154
2.747				-0.083		0.039	
2.741		0.028	-0.068			0.036	
2.738		0.037	-0.086			0.045	
2.744	0.36	0.043		0.075		0.269	
2.744	-0.104			-0.24		0.157	
2.737	-0.784	0.023	0.218	-0.887	-0.048	-0.29	0.252
2.744		-0.02	0.054		-0.054		
2.744				-0.141	-0.001	0.161	
2.738	0.154	0.07	-0.081			0.053	0.19
2.738	-0.884		0.383	-0.986	-0.083	-0.456	0.28
2.744	0.794			0.634	-0.033	0.159	
2.737	0.062	0.035					
2.742	0.919	0.042	0.841		-0.054		
2.746		-0.026	0.029				
2.74		0.022	-0.031				
2.746	-0.032			-0.075			
2.743	-0.171	0.037	0.903	-1.162			

2.738	-0.712	0.057	0.451	-1.214		-0.188	0.23
2.741	-0.16			-0.416		0.24	
2.741	0.487		0.247			0.189	
2.744	0.126				-0.012	0.152	
2.732	0.062	0.035	0.014				
2.741	0.443		0.181		0.007	0.212	
2.737	-0.084	0.004		0.052	-0.066	-0.179	0.046
2.738	-0.462	0.039	0.428	-0.909		-0.127	0.081
2.746	-0.032	-0.029					
2.739	-0.47	0.026	0.037	-0.566		-0.048	0.147
2.745	0.691	0.115			0.102	0.535	
2.744	0.722			0.509		0.186	
2.743		0.043	0.962	-1.064	0.001		
2.744	0.133		-0.018			0.168	
2.741	0.446		0.192		0.004	0.201	
2.744	-0.055	-0.024			-0.05		
2.736		0.018				0.001	
2.739			-0.329			0.322	
2.733		0.034	-0.043				
2.738	0.228	0.025	0.227	-0.016	-0.023		-0.107
2.738		0.024	0.522	-0.563	-0.029		
2.744		-0.023		0.056	-0.053		
2.741	-0.217		-0.306			0.007	0.146
2.746		-0.027		0.028			
2.744	-0.179	0.026	0.732	-0.974	-0.004		
2.74		0.024			-0.037		0.096
2.742	-0.032		0.216	-0.33	-0.02		0.097
2.741	0.319				0.026	0.27	
2.745		0.008	-0.171			0.205	
2.745	0.861	0.08		0.381	0.04	0.395	
2.744			-0.025			0.006	
2.745			-0.139		-0.005	0.178	
2.744	-0.532	0.021	0.711	-1.308	0.014		
2.723		0.034				0.013	
2.747	-0.455			-0.422			
2.742			0.65	-0.742	-0.003	0.04	
2.745	0.873	0.084		0.357	0.051	0.42	
2.744	0.399		0.354		-0.04	0.052	
2.741				-0.177	0.019	0.106	
2.737	-0.528	0.027		-0.449	-0.057	-0.249	0.266
2.742		-0.021			-0.011		
2.742			0.043	-0.132		0.003	0.106
2.744	-0.215		0.321	-0.644		0.086	
2.745	-0.572	-0.027		-0.548			
2.736	-0.172			-0.227	-0.008		
2.738	1.017		0.102	0.867		0.195	-0.516
2.743	-0.425		0.441	-0.994	0.021	0.079	
2.744	0.347		0.373		-0.055		

2.744	0.377	0.001	0.398		-0.055		
2.737	1.155	0.04	0.17	0.921	-0.034	0.122	-0.362
2.744			0.243	-0.367	-0.006	0.109	
2.745		-0.016			-0.039	0.066	
2.724	0.139		0.116		-0.037		
2.745		0.031	-0.327		0.035	0.326	
2.743	-0.213		0.528	-0.824	0.001	0.039	
2.737	-0.61	-0.003	0.17	-0.525	-0.091	-0.376	0.25
2.745	0.448	0.012	0.397				
2.737	0.779	0.033	0.226	0.566	-0.046		-0.244
2.744	-0.172			-0.351	0.013	0.175	
2.743	-0.362		0.587	-0.991	-0.002		
2.737	1.476	0.038		1.375	-0.035	0.209	-0.446
2.728				-0.044	-0.024		
2.745	-0.021			0.024	-0.048		
2.744	0.943	0.063		0.567		0.33	
2.743	0.535	0.063		0.135		0.358	
2.744	-0.089	0.082	0.504	-1.028	0.082	0.299	
2.744		0.084	0.525	-0.961	0.079	0.298	
2.744		0.08	0.472	-0.899	0.075	0.299	
2.737	1.349	0.056	0.166	0.99		0.259	-0.446
2.725	0.03				-0.028		
2.717			0.052		-0.044	-0.06	
2.744	0.171		0.023		-0.012	0.155	
2.737	0.315	0.037	0.33		-0.035	-0.07	-0.119
2.722					-0.033	-0.017	
2.738		0.055	0.262	-0.298	-0.047	-0.159	0.226
2.722			-0.015		-0.029		
2.744		-0.027	0.076		-0.055		
2.739	-0.336	0.075	0.273	-0.825	0.017		0.187
2.749	0.239	0.048				0.165	
2.739	0.78		0.719		-0.051		
2.744	-0.605			-0.889	0.066	0.242	
2.737	0.075	0.034	0.29	-0.156	-0.048	-0.154	
2.737		0.031	0.324	-0.254	-0.043	-0.156	-0.021
2.744		0.049	0.347	-0.625	0.037	0.214	
2.744	-0.083	-0.033			-0.052		
2.737	-0.097	0.028	-0.006		-0.081	-0.244	0.257
2.744		-0.032		0.084	-0.056		
2.737	0.912		0.142	0.907	-0.075	-0.043	-0.325
2.743	0.881	0.038	0.768				
2.744	0.091	0.047	0.482	-0.621	0.023	0.164	
2.741	0.504			0.18	0.029	0.255	
2.744	0.116	0.057	0.232	-0.444	0.04	0.262	
2.751		0.048		-0.249	0.032	0.154	
2.751		0.041		-0.191	0.016	0.113	
2.747		0.041		-0.152		0.081	
2.745	0.94			0.997	-0.09		

2.743	0.056	0.038	0.527	-0.639		0.121	
2.743		0.035	0.521	-0.679		0.114	
2.743	0.056	0.04	0.571	-0.688		0.119	
2.741	-0.401		-0.106	-0.357	-0.016		0.127
2.736	0.573	0.023	-0.051	0.6	-0.035	0.066	-0.217
2.745	-0.63	-0.037		-0.577			
2.742			-0.428		0.061	0.388	
2.744	0.483	0.014	0.474		-0.056		
2.744	0.096	0.071		-0.381	0.075	0.393	
2.745		0.066		-0.454	0.075	0.377	
2.731	0.142	0.039	0.11		-0.035		
2.744	0.083	0.061		-0.338	0.062	0.355	
2.744	0.787	-0.016		0.836	-0.084		
2.738	-0.277	0.029		-0.322	-0.013		
2.739	-0.404	0.025		-0.452			
2.743	0.302				0.046	0.22	
2.743	0.043	0.027			-0.026		
2.743		0.029		-0.047	-0.023		
2.744	0.526	0.07	0.113		0.039	0.341	
2.737			0.12		-0.059	-0.102	
2.744	0.529	0.071	0.108		0.04	0.347	
2.737		0.036		-0.052	-0.025		
2.74	-0.029	0.035		-0.087	-0.02		
2.744	0.603	0.073	0.194		0.035	0.328	
2.735		0.019	0.052		-0.044	-0.057	
2.743	0.23	0.052	0.498	-0.499		0.168	
2.744	0.422	0.065			0.045	0.36	
2.746		0.063	-0.594		0.098	0.538	
2.735	0.045	0.037			-0.028		
2.744	-0.34	0.021	0.769	-1.166	0.008		
2.744	-0.41	0.019	0.746	-1.21	0.01		
2.744	-0.275	0.021	0.765	-1.093			
2.739		0.023			-0.032	-0.023	
2.737	-0.38	0.014	0.366	-0.582	-0.058	-0.274	0.101
2.744	0.448	0.044	0.191			0.227	
2.739		0.025	-0.016		-0.026		
2.73		0.036	-0.022		-0.029		
2.728		0.035			-0.033	-0.016	
2.744	-0.299		0.428	-0.79		0.05	
2.744	-0.158	0.033		-0.231			
2.729		0.034	0.012		-0.035	-0.033	
2.741		0.033	-0.385			0.379	
2.743		0.026	0.79	-0.847	-0.01		
2.744	-0.381		0.583	-0.987	-0.002		
2.738	-0.726	0.032	0.405	-1.01	-0.05	-0.332	0.265
2.744	0.195	0.028		-0.033		0.229	
2.744			0.337	-0.41	-0.013	0.072	
2.735	-0.656			-0.688	0.006		

2.743	-0.253		0.658	-0.938	-0.005	-0.007	
2.743	-0.542		0.613	-1.234	0.021	0.031	
2.745				0.006	-0.031	-0.026	
2.745	0.281	-0.006	0.27				
2.746	-0.015			0.05	-0.05		
2.744	0.883			0.74	-0.04	0.152	
2.741		0.031	-0.075			0.04	
2.742	0.942	0.041	0.865		-0.054		
2.744	-0.174			-0.323	0.01	0.164	
2.744	-0.333	0.042	0.996	-1.443	0.022		
2.744	0.188		0.086		-0.02	0.126	
2.741	0.478		0.231		0.003	0.194	
2.745	0.762	0.105		0.132	0.082	0.497	
2.744	-0.182	-0.025		-0.13	-0.043		
2.745		0.012	-0.205		0.009	0.231	
2.744	-0.286		0.313	-0.723	0.01	0.096	
2.744	0.31	-0.004	0.342		-0.055		
2.737	1.19	0.039	0.16	0.964	-0.034	0.128	-0.373
2.747		0.137		-0.902	0.205	0.631	
2.744	-0.099	0.079	0.518	-1.033	0.079	0.284	
2.744	-0.075	0.083	0.542	-1.05	0.082	0.293	
2.744		0.083	0.524	-0.953	0.077	0.294	
2.744	-0.245	-0.034		-0.166	-0.042		
2.744	0.941	-0.02		1.006	-0.092		
2.744	-0.038	0.047	0.353	-0.663	0.038	0.208	
2.743	0.048	0.037	0.512	-0.632		0.123	
2.744	0.086	0.069		-0.378	0.073	0.384	
2.738	-0.276	0.029		-0.321	-0.013		
2.744	0.507	0.067	0.11		0.036	0.331	
2.744	-0.365	0.025	0.823	-1.256	0.013		
2.744	-0.336		0.424	-0.831	0.005	0.055	
2.743		-0.086	0.465		-0.135	-0.348	
2.744	-0.087	0.08	0.542	-1.047	0.079	0.283	

Distance_t	Precipitati	Precipitati	SoilPC1	SoilPC2	Genus	df	logLik	AICc
		-0.107			0.105	7	-1606.83	3227.815
		-0.16			0.107	9	-1605.18	3228.617
		-0.091			0.105	7	-1607.23	3228.626
	0.036	-0.183			0.105	8	-1606.25	3228.715
0.025	0.035	-0.21			0.08	9	-1605.24	3228.756
		-0.181			0.106	7	-1607.4	3228.956
0.025		-0.207			0.08	8	-1606.37	3228.962
		-0.093			0.107	6	-1608.44	3228.994
		-0.09			0.105	7	-1607.45	3229.062
		-0.117			0.105	8	-1606.47	3229.156
		-0.174			0.106	9	-1605.46	3229.192
					0.108	9	-1605.52	3229.308
		-0.12	-0.019		0.106	8	-1606.56	3229.327
	0.041	-0.096			0.106	8	-1606.56	3229.332
		-0.125			0.105	9	-1605.57	3229.406
		-0.096			0.106	7	-1607.65	3229.455
		-0.096			0.098	8	-1606.63	3229.467
	0.016	-0.105			0.105	8	-1606.63	3229.47
		-0.125			0.098	10	-1604.61	3229.543
		-0.131	-0.04		0.107	9	-1605.64	3229.545
	0.034	-0.095			0.105	8	-1606.69	3229.583
		-0.112			0.105	8	-1606.69	3229.593
		-0.117			0.105	8	-1606.7	3229.607
		-0.121			0.105	8	-1606.7	3229.609
0.027		-0.231		-0.03	0.076	9	-1605.68	3229.622
0.026		-0.139			0.077	9	-1605.69	3229.642
		-0.107			0.104	8	-1606.72	3229.649
	0.033	-0.096			0.097	9	-1605.7	3229.668
		-0.112			0.098	9	-1605.7	3229.669
		-0.136	-0.052		0.107	9	-1605.71	3229.678
		-0.101			0.105	8	-1606.74	3229.687
	0.029	-0.09			0.105	8	-1606.76	3229.728
		-0.107		-0.006	0.104	8	-1606.79	3229.783
	0.023	-0.091			0.105	8	-1606.8	3229.82
		-0.116			0.105	8	-1606.82	3229.848
		-0.106	-0.026		0.106	8	-1606.83	3229.882
		-0.111	-0.035		0.106	8	-1606.86	3229.93
			-0.056		0.107	9	-1605.85	3229.968
		-0.199		-0.026	0.104	8	-1606.88	3229.971
					0.106	7	-1607.9	3229.971
					0.107	7	-1607.92	3229.999
	0.042	-0.109			0.105	9	-1605.9	3230.058
		-0.096			0.107	7	-1607.95	3230.059
		-0.227	-0.03		0.107	8	-1606.93	3230.063
0.02					0.087	10	-1604.87	3230.065
		-0.138	-0.026		0.107	9	-1605.91	3230.077
	0.031	-0.092			0.108	7	-1607.96	3230.078

	0.041	-0.193			0.106	9	-1605.91	3230.083
		-0.095			0.107	10	-1604.89	3230.112
0.025					0.079	9	-1605.93	3230.131
					0.105	8	-1606.96	3230.131
	0.042	-0.109			0.098	10	-1604.91	3230.136
0.024					0.081	8	-1606.96	3230.139
	0.036	-0.103			0.105	9	-1605.94	3230.145
	0.029	-0.104			0.105	9	-1605.96	3230.183
		-0.121	-0.04		0.106	8	-1607	3230.204
					0.105	8	-1607	3230.205
		-0.092			0.105	8	-1607	3230.214
					0.105	7	-1608.03	3230.229
0.025					0.08	9	-1606	3230.267
0.025					0.079	8	-1607.03	3230.271
	0.047	-0.107			0.107	9	-1606.01	3230.286
		-0.085			0.105	8	-1607.04	3230.293
		-0.085			0.097	9	-1606.02	3230.297
0.027		-0.139			0.077	9	-1606.03	3230.331
0.023	0.039	-0.216			0.082	10	-1605.02	3230.367
0.023		-0.244	-0.025		0.083	9	-1606.06	3230.386
		-0.158		-0.01	0.106	10	-1605.04	3230.402
		-0.178		-0.017	0.106	10	-1605.04	3230.41
		-0.099			0.105	8	-1607.1	3230.41
		-0.154	-0.062	-0.029	0.107	10	-1605.05	3230.431
0.026	0.029	-0.222		-0.015	0.077	10	-1605.06	3230.444
					0.105	9	-1606.09	3230.447
			-0.073		0.109	9	-1606.09	3230.449
	0.021	-0.116			0.106	9	-1606.1	3230.457
		-0.119	-0.036		0.099	9	-1606.1	3230.46
0.025					0.08	10	-1605.07	3230.461
		-0.164	0.015		0.107	10	-1605.07	3230.463
					0.108	10	-1605.07	3230.468
		-0.139	-0.054	-0.021	0.106	10	-1605.07	3230.468
0.022			-0.051		0.084	10	-1605.07	3230.472
		-0.146	-0.056		0.108	9	-1606.11	3230.484
0.025	0.038	-0.185			0.079	10	-1605.08	3230.49
	0.038	-0.16			0.105	9	-1606.11	3230.495
		-0.161			0.107	10	-1605.09	3230.501
		-0.075			0.096	9	-1606.12	3230.504
		-0.163			0.106	10	-1605.09	3230.512
	-0.057	-0.158			0.105	10	-1605.09	3230.513
					0.107	10	-1605.1	3230.524
		-0.09		-0.008	0.104	8	-1607.17	3230.558
		-0.124			0.105	8	-1607.17	3230.56
		-0.106			0.105	9	-1606.15	3230.569
		-0.098			0.107	7	-1608.21	3230.576
		-0.095			0.097	10	-1605.13	3230.581
		-0.168			0.107	10	-1605.13	3230.587

		-0.257	-0.035	-0.03	0.105	9	-1606.16	3230.588
	-0.026				0.108	10	-1605.13	3230.588
	-0.009	-0.17			0.107	10	-1605.13	3230.591
0.022		-0.108			0.084	11	-1604.1	3230.6
		-0.076			0.104	8	-1607.2	3230.603
	0.031	-0.19		-0.01	0.104	9	-1606.17	3230.604
0.025		-0.275	-0.029	-0.032	0.079	10	-1605.14	3230.61
		-0.092			0.105	8	-1607.21	3230.626
		-0.095			0.105	9	-1606.19	3230.639
	-0.058	-0.158			0.098	11	-1604.13	3230.654
0.02					0.087	8	-1607.22	3230.661
		-0.151			0.107	10	-1605.17	3230.666
		-0.163			0.107	10	-1605.17	3230.67
	0.018	-0.164			0.107	10	-1605.18	3230.683
		-0.134			0.105	10	-1605.18	3230.695
	0.028	-0.103			0.104	9	-1606.22	3230.699
	0.039	-0.203			0.105	9	-1606.23	3230.723
	0.036	-0.204			0.105	9	-1606.23	3230.726
	0.037	-0.203			0.105	9	-1606.23	3230.728
		-0.152	-0.059	-0.03	0.1	11	-1604.18	3230.745
0.026		-0.154			0.078	9	-1606.24	3230.748
		-0.125	-0.027		0.105	9	-1606.24	3230.752
	0.038	-0.191			0.105	9	-1606.25	3230.761
	0.035	-0.186	-0.002		0.105	9	-1606.25	3230.766
0.025	0.039	-0.201	0.007		0.079	10	-1605.23	3230.776
		-0.132	-0.041	-0.016	0.106	10	-1605.23	3230.778
		-0.16			0.099	11	-1604.19	3230.78
	0.035	-0.206			0.098	10	-1605.23	3230.79
					0.106	7	-1608.32	3230.799
0.025	0.033	-0.203			0.079	10	-1605.24	3230.809
0.025	0.035	-0.207			0.08	10	-1605.24	3230.814
0.025	0.035	-0.209			0.08	10	-1605.24	3230.816
0.025	0.035	-0.21			0.08	10	-1605.24	3230.816
		-0.134			0.098	11	-1604.22	3230.822
		-0.233			0.097	10	-1605.25	3230.833
0.025		-0.237			0.078	10	-1605.26	3230.849
					0.098	8	-1607.32	3230.856
					0.107	9	-1606.3	3230.863
		-0.144	-0.052		0.101	10	-1605.27	3230.869
		-0.231			0.105	9	-1606.31	3230.884
		-0.184			0.106	8	-1607.34	3230.885
		-0.145			0.105	8	-1607.34	3230.893
		-0.089		-0.011	0.105	8	-1607.35	3230.917
		-0.117		-0.011	0.105	9	-1606.33	3230.923
0.026					0.079	9	-1606.34	3230.941
			-0.031		0.107	9	-1606.34	3230.954
		-0.117			0.105	9	-1606.34	3230.955
0.024					0.081	8	-1607.37	3230.959

0.025		-0.21			0.08	9	-1606.35	3230.961
		-0.227			0.096	10	-1605.32	3230.972
		-0.12			0.106	9	-1606.35	3230.975
					0.105	8	-1607.38	3230.977
		-0.175	-0.013		0.107	10	-1605.33	3230.978
		-0.193			0.098	9	-1606.36	3230.979
0.027		-0.231			0.076	10	-1605.33	3230.979
		-0.176			0.106	8	-1607.39	3230.996
		-0.19			0.106	8	-1607.39	3230.997
0.025		-0.201			0.08	9	-1606.37	3231
					0.107	10	-1605.34	3231.007
0.025		-0.197			0.079	9	-1606.37	3231.008
			-0.068		0.102	10	-1605.34	3231.008
		-0.104			0.106	8	-1607.4	3231.014
					0.102	11	-1604.31	3231.014
		-0.104			0.098	9	-1606.38	3231.017
		-0.096	-0.005		0.107	7	-1608.43	3231.019
		-0.093		-0.003	0.107	7	-1608.43	3231.022
		-0.08			0.096	10	-1605.35	3231.026
		-0.121			0.098	10	-1605.35	3231.033
		-0.157			0.1	11	-1604.32	3231.037
		-0.199			0.106	9	-1606.39	3231.052
0.022					0.085	11	-1604.33	3231.054
	0.09	-0.118			0.106	9	-1606.4	3231.067
	0.039	-0.097			0.105	9	-1606.4	3231.073
		-0.091			0.105	8	-1607.43	3231.081
		-0.123			0.106	9	-1606.41	3231.086
0.023		-0.157			0.083	11	-1604.35	3231.098
		-0.201			0.098	10	-1605.39	3231.105
-0.702			-0.075	-0.028	0.617	12	-1603.33	3231.115
		-0.095		-0.016	0.097	9	-1606.43	3231.117
		-0.219			0.106	9	-1606.43	3231.121
0.026		-0.129			0.079	10	-1605.4	3231.128
0.025		-0.205			0.08	10	-1605.4	3231.133
0.021			-0.068		0.087	10	-1605.41	3231.136
0.021					0.087	11	-1604.37	3231.138
		-0.146	-0.035		0.107	10	-1605.41	3231.141
			0.012		0.107	10	-1605.41	3231.141
		-0.162	-0.025		0.106	9	-1606.44	3231.153
	0.037	-0.094			0.105	9	-1606.44	3231.155
	0.034	-0.095			0.105	9	-1606.45	3231.158
		-0.094		-0.015	0.105	8	-1607.48	3231.167
	0.038	-0.097			0.097	10	-1605.42	3231.172
					0.108	8	-1607.48	3231.173
		-0.18			0.107	10	-1605.43	3231.178
		-0.121			0.105	9	-1606.46	3231.183
		-0.106			0.105	9	-1606.46	3231.185
				0.008	0.108	10	-1605.44	3231.204

		-0.222			0.104	9	-1606.47	3231.209
					0.108	5	-1610.56	3231.214
0.021	-0.029				0.086	11	-1604.41	3231.218
		-0.177			0.105	10	-1605.45	3231.224
0.025		-0.221			0.08	10	-1605.45	3231.23
		-0.08			0.104	9	-1606.5	3231.257
0.025		-0.172	-0.019		0.08	10	-1605.47	3231.266
	0.034	-0.117			0.105	10	-1605.47	3231.267
	0.046	-0.09	0.011		0.105	9	-1606.51	3231.286
		-0.101		-0.015	0.104	9	-1606.51	3231.295
	0.082	-0.115			0.099	10	-1605.49	3231.297
0.027		-0.179		-0.018	0.076	10	-1605.49	3231.298
0.027		-0.097			0.076	10	-1605.5	3231.32
		-0.119	-0.018	-0.005	0.106	9	-1606.53	3231.326
	-0.062				0.108	10	-1605.5	3231.332
		-0.124	-0.016		0.106	9	-1606.54	3231.345
		-0.179			0.098	11	-1604.48	3231.35
	0.048	-0.073	0.03		0.106	8	-1607.57	3231.353
0.027		-0.239		-0.033	0.077	10	-1605.52	3231.357
		-0.174			0.106	9	-1606.55	3231.36
	0.055	-0.115			0.106	9	-1606.55	3231.373
	0.003	-0.118	-0.017		0.106	9	-1606.56	3231.377
		-0.121	-0.043		0.106	10	-1605.53	3231.377
		-0.12	-0.018		0.106	9	-1606.56	3231.379
		-0.12	-0.019		0.106	9	-1606.56	3231.38
	0.042	-0.096		0	0.106	9	-1606.56	3231.386
		-0.099			0.105	9	-1606.56	3231.386
		-0.114			0.106	10	-1605.53	3231.39
0.024		-0.182			0.08	11	-1604.5	3231.392
0.022					0.084	10	-1605.54	3231.397
		-0.123	0.008		0.105	10	-1605.54	3231.414
0.025		-0.179			0.08	10	-1605.55	3231.417
			-0.023		0.107	10	-1605.55	3231.428
		-0.133	-0.043		0.107	10	-1605.55	3231.435
-0.537			-0.07		0.496	11	-1604.52	3231.438
		-0.096			0.106	8	-1607.62	3231.449
	0.031				0.106	8	-1607.62	3231.452
		-0.283		-0.034	0.096	10	-1605.57	3231.46
	0.041				0.106	9	-1606.6	3231.46
		-0.08	-0.055		0.107	10	-1605.57	3231.463
		-0.125		-0.001	0.105	10	-1605.57	3231.464
		-0.097			0.098	9	-1606.6	3231.465
	0.012	-0.112			0.105	9	-1606.6	3231.473
		-0.121	0.013		0.097	11	-1604.54	3231.475
0.027		-0.288		-0.034	0.077	10	-1605.58	3231.48
		-0.106		-0.011	0.104	9	-1606.61	3231.483
	0.016	-0.126	-0.035		0.106	10	-1605.58	3231.484
0.027		-0.094			0.077	10	-1605.58	3231.485

	0.046	-0.11			0.105	10	-1605.59	3231.511
0.022			-0.025		0.084	10	-1605.59	3231.512
	0.014	-0.107			0.105	9	-1606.63	3231.519
	0.018	-0.104			0.105	9	-1606.63	3231.521
	0.016	-0.105		0.001	0.105	9	-1606.63	3231.523
	0.063	-0.088			0.104	9	-1606.63	3231.529
0.025		-0.162			0.079	10	-1605.6	3231.532
			-0.076	-0.019	0.108	10	-1605.6	3231.535
					0.106	9	-1606.64	3231.544
	0.038	-0.108			0.105	10	-1605.61	3231.545
	0.045	-0.162			0.106	10	-1605.61	3231.545
		-0.151			0.105	9	-1606.64	3231.546
		-0.116	-0.038		0.098	11	-1604.58	3231.555
		-0.278	-0.04	-0.035	0.106	10	-1605.61	3231.556
		-0.168	-0.031		0.106	9	-1606.65	3231.558
	0.028	-0.103	-0.012		0.105	9	-1606.65	3231.559
		-0.126	-0.036		0.106	10	-1605.62	3231.562
	0.007	-0.126	-0.034		0.106	10	-1605.62	3231.564
		-0.112	-0.04		0.107	10	-1605.62	3231.565
	0.04				0.099	10	-1605.62	3231.567
	0.03				0.098	9	-1606.65	3231.571
		-0.118	-0.014		0.098	10	-1605.62	3231.574
	0.042	-0.107			0.105	10	-1605.63	3231.593
		-0.125		-0.002	0.098	11	-1604.6	3231.597
		-0.208		-0.03	0.104	9	-1606.67	3231.601
		-0.13	-0.041		0.107	10	-1605.64	3231.602
					0.107	10	-1605.64	3231.604
	0.048	-0.109			0.098	10	-1605.64	3231.604
		-0.131	-0.04		0.107	10	-1605.64	3231.605
	0.045	-0.111			0.098	11	-1604.61	3231.608
	0.017	-0.104			0.098	10	-1605.64	3231.612
		-0.119		-0.005	0.105	9	-1606.68	3231.616
		-0.079			0.104	9	-1606.68	3231.624
					0.106	8	-1607.71	3231.626
	0.029	-0.128	-0.027		0.107	10	-1605.65	3231.628
					0.106	8	-1607.71	3231.629
		-0.116			0.105	9	-1606.68	3231.63
	0.021				0.106	8	-1607.71	3231.632
	0.034	-0.095		0.001	0.105	9	-1606.68	3231.634
		-0.116		-0.003	0.105	9	-1606.69	3231.637
-0.588	0.045				0.531	11	-1604.62	3231.637
	0.033	-0.099			0.108	8	-1607.71	3231.638
0.028		-0.209		-0.026	0.075	10	-1605.66	3231.641
		-0.111		-0.002	0.105	9	-1606.69	3231.643
		-0.113			0.105	9	-1606.69	3231.646
0.021					0.085	11	-1604.63	3231.648
0.027		-0.222		-0.03	0.076	10	-1605.66	3231.648
		-0.119			0.105	9	-1606.69	3231.654

0.027		-0.251		-0.032	0.076	10	-1605.67	3231.656
0.025		-0.174	-0.026		0.08	10	-1605.67	3231.66
		-0.147		-0.014	0.104	9	-1606.7	3231.663
			-0.027		0.106	8	-1607.73	3231.669
		-0.138	-0.045		0.107	10	-1605.67	3231.671
					0.105	8	-1607.73	3231.674
	0.02	-0.099	-0.015		0.105	9	-1606.71	3231.68
		-0.095		-0.018	0.106	8	-1607.74	3231.684
		-0.274		-0.032	0.105	9	-1606.71	3231.687
0.024	0.03				0.081	9	-1606.71	3231.689
		-0.078			0.105	9	-1606.71	3231.689
	0.028				0.105	9	-1606.71	3231.694
			-0.078		0.107	10	-1605.68	3231.695
		-0.169	-0.035		0.106	9	-1606.72	3231.706
		-0.137	-0.052		0.107	10	-1605.69	3231.706
	0.03	-0.1	-0.006		0.098	10	-1605.69	3231.707
		-0.11	-0.03		0.106	9	-1606.72	3231.708
		-0.111		-0.003	0.098	10	-1605.69	3231.709
		-0.11	-0.022		0.108	8	-1607.75	3231.712
					0.098	10	-1605.69	3231.713
				0.014	0.107	8	-1607.75	3231.718
		-0.115			0.098	10	-1605.7	3231.721
		-0.109			0.098	10	-1605.7	3231.722
0.024	0.04				0.082	10	-1605.7	3231.724
		-0.101			0.107	8	-1607.76	3231.727
		-0.102			0.105	9	-1606.73	3231.727
	0.033	-0.096		-0.001	0.097	10	-1605.7	3231.727
0.025					0.08	9	-1606.73	3231.733
					0.099	9	-1606.74	3231.739
0.021			0.016		0.085	11	-1604.68	3231.76
	0.03	-0.091		0.003	0.105	9	-1606.75	3231.764
					0.106	8	-1607.78	3231.769
		-0.12	-0.04	-0.016	0.106	9	-1606.75	3231.77
	0.035	-0.203		-0.014	0.105	10	-1605.72	3231.772
			-0.057		0.107	10	-1605.72	3231.772
		-0.138	-0.026	-0.011	0.107	10	-1605.72	3231.774
-0.45					0.432	12	-1603.66	3231.788
		-0.109	-0.034	-0.01	0.105	9	-1606.76	3231.788
					0.109	10	-1605.73	3231.791
	0.015	-0.098	-0.012		0.105	9	-1606.77	3231.801
		-0.122	-0.031		0.099	11	-1604.71	3231.82
		-0.084			0.104	9	-1606.78	3231.821
0.024	0.018				0.08	9	-1606.78	3231.822
		-0.084			0.097	10	-1605.75	3231.824
0.024					0.081	9	-1606.78	3231.824
0.023	0.043	-0.185			0.082	11	-1604.72	3231.828
0.025	0.032	-0.232		-0.018	0.079	11	-1604.72	3231.83
		-0.236	-0.033		0.108	9	-1606.78	3231.831

0.025		-0.174	-0.031		0.08	10	-1605.76	3231.842
0.023					0.082	10	-1605.76	3231.843
		-0.105	-0.025	-0.007	0.105	9	-1606.79	3231.847
0.024					0.081	9	-1606.79	3231.856
	0.024	-0.091		0.003	0.105	9	-1606.8	3231.859
0.023		-0.089	-0.05		0.083	11	-1604.73	3231.861
0.024	0.026				0.08	10	-1605.77	3231.876
		-0.113	-0.036		0.106	9	-1606.81	3231.878
0.023		-0.294	-0.034	-0.037	0.082	11	-1604.74	3231.879
0.026					0.079	10	-1605.78	3231.879
			-0.011		0.106	8	-1607.84	3231.892
-0.492					0.46	9	-1606.81	3231.894
	0.009				0.106	8	-1607.84	3231.894
	-0.029	-0.186		-0.019	0.107	11	-1604.75	3231.896
	0.031	-0.125	-0.021		0.099	11	-1604.76	3231.902
	-0.011				0.107	8	-1607.85	3231.906
	0.014				0.106	9	-1606.82	3231.91
0.024			-0.022		0.081	9	-1606.82	3231.911
			-0.056	-0.006	0.107	10	-1605.8	3231.92
	-0.012		-0.07		0.107	10	-1605.8	3231.921
			-0.037		0.107	8	-1607.86	3231.929
0.023		-0.122	-0.035		0.083	11	-1604.77	3231.93
			-0.014		0.106	9	-1606.83	3231.93
		-0.103	-0.031		0.105	9	-1606.83	3231.93
					0.105	9	-1606.83	3231.93
		-0.239		-0.031	0.104	9	-1606.83	3231.934
		-0.106	-0.027		0.106	9	-1606.83	3231.935
		-0.106	-0.026		0.106	9	-1606.83	3231.935
		-0.095			0.097	11	-1604.77	3231.937
		-0.099		-0.017	0.104	9	-1606.84	3231.941
		-0.143	-0.038		0.107	10	-1605.82	3231.957
					0.108	6	-1609.92	3231.966
		-0.187	-0.036		0.107	9	-1606.85	3231.967
				0.006	0.106	8	-1607.88	3231.97
					0.106	8	-1607.88	3231.97
		-0.118	-0.037	-0.017	0.098	10	-1605.82	3231.972
0.022			-0.017		0.084	11	-1604.79	3231.977
			-0.062		0.107	10	-1605.83	3231.979
0.02				0.008	0.087	11	-1604.79	3231.981
					0.106	10	-1605.83	3231.984
0.019					0.089	9	-1606.86	3231.985
			-0.06		0.107	10	-1605.83	3231.986
			0.006		0.107	8	-1607.89	3231.991
	0.042	-0.15			0.105	10	-1605.83	3231.992
		-0.095			0.104	10	-1605.83	3231.994
	0.039	-0.154			0.105	10	-1605.83	3231.995
					0.097	9	-1606.87	3231.997
	0.036	-0.156			0.105	10	-1605.84	3231.997

		-0.192		-0.026	0.104	9	-1606.87	3232.007
	0.036	-0.093		0.01	0.108	8	-1607.9	3232.008
					0.099	9	-1606.87	3232.01
0.021	-0.061				0.086	11	-1604.81	3232.012
					0.106	8	-1607.9	3232.015
		-0.187		-0.024	0.104	9	-1606.87	3232.015
					0.106	8	-1607.9	3232.018
		-0.216	-0.032		0.107	9	-1606.89	3232.042
		-0.159		-0.013	0.106	11	-1604.83	3232.044
					0.105	8	-1607.92	3232.046
	0.011				0.105	9	-1606.89	3232.051
			-0.037		0.108	11	-1604.83	3232.056
	0.059	-0.115			0.106	10	-1605.87	3232.057
	0.04	-0.109		-0.005	0.105	10	-1605.87	3232.057
			-0.072	-0.02	0.101	11	-1604.83	3232.06
		-0.116		-0.008	0.107	11	-1604.84	3232.063
		-0.098	-0.025		0.098	10	-1605.87	3232.066
		-0.148	-0.036	-0.02	0.106	11	-1604.84	3232.067
					0.098	9	-1606.9	3232.069
	0.041	-0.152			0.098	11	-1604.84	3232.071
0.023					0.082	9	-1606.9	3232.071
	0.052	-0.105			0.105	10	-1605.87	3232.075
	0.039	-0.109		-0.007	0.098	11	-1604.85	3232.085
	0.048	-0.114			0.106	10	-1605.88	3232.089
			-0.037		0.107	10	-1605.88	3232.091
	0.036	-0.175			0.106	10	-1605.89	3232.096
		-0.154	-0.028		0.107	10	-1605.89	3232.096
0.025	0.037	-0.157			0.08	11	-1604.85	3232.099
0.022					0.084	11	-1604.85	3232.1
		-0.183			0.097	11	-1604.86	3232.106
		-0.102	-0.02		0.098	10	-1605.89	3232.107
		-0.182		-0.019	0.107	11	-1604.86	3232.109
0.025					0.079	9	-1606.92	3232.11
0.025	0.032	-0.162			0.08	11	-1604.86	3232.116
0.024			-0.007		0.08	10	-1605.9	3232.123
0.024				0.007	0.081	9	-1606.93	3232.124
0.024					0.081	9	-1606.93	3232.124
	0.002	-0.136	-0.024		0.107	10	-1605.9	3232.134
					0.098	10	-1605.9	3232.135
					0.106	9	-1606.93	3232.135
					0.105	9	-1606.94	3232.137
					0.099	11	-1604.87	3232.137
	0.039	-0.196	-0.002		0.106	10	-1605.91	3232.139
0.024	0.041	-0.157			0.08	11	-1604.87	3232.14
	-0.007	-0.081			0.107	11	-1604.88	3232.146
				0.004	0.105	9	-1606.94	3232.154
0.025				0.005	0.079	10	-1605.91	3232.155
		-0.081			0.107	11	-1604.88	3232.159

0.024	0.005				0.081	9	-1606.95	3232.159
	0.051	-0.105			0.098	11	-1604.88	3232.159
					0.105	8	-1607.97	3232.159
		-0.082			0.107	11	-1604.88	3232.16
	-0.046	-0.16	-0.086	-0.036	0.107	11	-1604.89	3232.162
0.025	0.005				0.08	10	-1605.92	3232.162
		-0.089			0.107	11	-1604.89	3232.164
		-0.173		-0.013	0.106	11	-1604.89	3232.165
0.024	0.01				0.081	10	-1605.92	3232.165
0.025		-0.188			0.079	11	-1604.89	3232.165
0.025					0.08	9	-1606.95	3232.166
0.024			-0.005		0.081	9	-1606.95	3232.169
		-0.122	-0.04		0.106	9	-1606.95	3232.169
	0.015				0.105	10	-1605.92	3232.171
		-0.095	0		0.107	11	-1604.89	3232.178
		-0.182			0.105	10	-1605.93	3232.178
	0.035	-0.103		-0.003	0.105	10	-1605.93	3232.183
0.024					0.08	9	-1606.96	3232.185
	0.05	-0.112			0.098	11	-1604.9	3232.186
		-0.19	-0.032		0.099	10	-1605.93	3232.187
0.026		-0.057			0.077	11	-1604.9	3232.188
0.025					0.079	9	-1606.96	3232.19
					0.106	9	-1606.96	3232.19
			-0.033		0.1	9	-1606.96	3232.192
	-0.095				0.106	10	-1605.93	3232.192
	0.043	-0.103			0.105	10	-1605.93	3232.193
0.022			-0.074		0.084	11	-1604.9	3232.2
	0.041	-0.109			0.098	11	-1604.91	3232.202
	0.038	-0.102			0.105	10	-1605.94	3232.203
-0.571					0.518	12	-1603.87	3232.205
	0.028	-0.104		-0.004	0.105	10	-1605.94	3232.211
0.024		-0.194	-0.032		0.082	10	-1605.94	3232.212
-0.61					0.546	11	-1604.91	3232.213
	0.017		-0.053		0.108	10	-1605.95	3232.217
0.021			-0.072	-0.02	0.087	11	-1604.92	3232.232
		-0.071	-0.066		0.108	10	-1605.95	3232.233
	0.031	-0.102			0.105	10	-1605.95	3232.236
	-0.027	-0.156	-0.082	-0.033	0.107	11	-1604.93	3232.244
		-0.162	0.015	-0.009	0.106	11	-1604.93	3232.249
		-0.105		-0.023	0.097	10	-1605.96	3232.25
0.026	0.032	-0.199		-0.014	0.077	11	-1604.93	3232.251
		-0.17		-0.012	0.106	11	-1604.93	3232.257
		-0.155	-0.062	-0.031	0.107	11	-1604.93	3232.258
				-0.001	0.105	9	-1607	3232.258
		-0.178	-0.011	-0.016	0.106	11	-1604.93	3232.259
		-0.095			0.105	9	-1607	3232.259
		-0.092		-0.002	0.105	9	-1607	3232.263
			-0.059		0.108	10	-1605.97	3232.264

					0.097	10	-1605.97	3232.266
	0.051	-0.101	0.009		0.106	10	-1605.97	3232.266
0.022			-0.053		0.084	11	-1604.94	3232.276
				0	0.105	8	-1608.03	3232.276
		-0.14	-0.033		0.1	11	-1604.95	3232.29
0.024					0.08	10	-1605.98	3232.291
0.023			-0.033		0.083	9	-1607.01	3232.293
	0.045	-0.107		-0.005	0.107	10	-1605.99	3232.297
0.022		-0.25	-0.027		0.084	10	-1605.99	3232.297
		-0.141	-0.054	-0.023	0.106	11	-1604.95	3232.298
0.023					0.082	11	-1604.95	3232.3
0.021				0.016	0.086	9	-1607.02	3232.302
0.024					0.08	10	-1605.99	3232.307
					0.106	9	-1607.02	3232.309
		-0.136	-0.044	-0.021	0.106	11	-1604.96	3232.309
0.024	0.031	-0.188			0.081	11	-1604.96	3232.316
0.026		-0.108			0.078	10	-1606	3232.318
0.025					0.08	10	-1606	3232.318
0.025				0.001	0.079	9	-1607.03	3232.324
0.025				0	0.08	10	-1606	3232.327
		-0.074			0.096	10	-1606	3232.328
0.022	-0.018				0.083	9	-1607.03	3232.33
					0.107	6	-1610.1	3232.333
		-0.09			0.097	10	-1606.01	3232.341
		-0.169			0.106	10	-1606.01	3232.342
			-0.073		0.108	10	-1606.01	3232.343
	0.009	-0.171		-0.013	0.106	11	-1604.98	3232.346
		-0.085		0	0.105	9	-1607.04	3232.346
			-0.063		0.108	10	-1606.01	3232.348
-0.522					0.482	11	-1604.98	3232.353
		-0.086		-0.001	0.097	10	-1606.01	3232.354
	-0.032	-0.115			0.107	11	-1604.98	3232.354
		-0.104		-0.021	0.105	9	-1607.05	3232.366
		-0.193		-0.014	0.106	11	-1604.99	3232.367
0.023		-0.232	-0.027		0.083	10	-1606.02	3232.367
		-0.037			0.105	10	-1606.02	3232.369
			-0.054		0.1	11	-1604.99	3232.372
-0.516	0.032				0.478	10	-1606.02	3232.373
		-0.218			0.106	10	-1606.03	3232.377
0.027		-0.134			0.077	10	-1606.03	3232.381
	-0.095				0.099	11	-1605	3232.385
		-0.275		-0.019	0.096	11	-1605	3232.393
0.024	0.043	-0.207	0.006		0.081	11	-1605	3232.397
	-0.067	-0.161		-0.009	0.105	11	-1605	3232.399
	0.042	-0.194			0.105	10	-1606.04	3232.399
		-0.119			0.107	11	-1605	3232.4
	0.027	-0.252		-0.018	0.097	11	-1605.01	3232.404
0.026		-0.279		-0.019	0.077	11	-1605.01	3232.405

0.024	0.009				0.081	11	-1605.01	3232.409
0.026		-0.289		-0.025	0.078	11	-1605.01	3232.409
0.025					0.078	10	-1606.04	3232.41
		-0.118		-0.017	0.104	10	-1606.04	3232.414
	0.039	-0.194			0.105	10	-1606.05	3232.418
	0.044	-0.19			0.105	10	-1606.05	3232.42
		-0.282		-0.023	0.105	10	-1606.05	3232.422
		-0.182			0.096	11	-1605.02	3232.423
0.026	0.027	-0.256		-0.018	0.078	11	-1605.02	3232.425
0.026	0.029	-0.254		-0.018	0.078	11	-1605.02	3232.428
	0.034	-0.168		-0.009	0.104	10	-1606.05	3232.431
					0.105	9	-1607.08	3232.432
		-0.12	-0.036		0.099	10	-1606.05	3232.432
0.025					0.08	10	-1606.05	3232.436
		-0.075			0.104	9	-1607.09	3232.437
0.022			-0.051	-0.006	0.084	11	-1605.02	3232.438
			-0.011		0.109	11	-1605.02	3232.438
0.026	0.031	-0.249		-0.018	0.078	11	-1605.02	3232.439
	0.032	-0.244		-0.016	0.105	10	-1606.06	3232.45
0.022	-0.011		-0.064		0.084	11	-1605.03	3232.45
0.022			0.014		0.083	9	-1607.09	3232.45
		-0.144	-0.064	-0.025	0.106	11	-1605.03	3232.45
0.026	0.02	-0.241	-0.011	-0.02	0.078	11	-1605.03	3232.452
					0.106	9	-1607.09	3232.452
					0.102	11	-1605.03	3232.456
		-0.1			0.105	9	-1607.1	3232.456
0.023		-0.138		-0.011	0.083	12	-1604	3232.459
	-0.069	-0.161		-0.011	0.098	12	-1604	3232.459
	-0.04	-0.167			0.106	11	-1605.03	3232.46
			0.026		0.106	10	-1606.07	3232.46
		-0.168		-0.013	0.099	12	-1604	3232.461
		-0.141	0.018		0.106	11	-1605.03	3232.461
		-0.1			0.105	9	-1607.1	3232.464
		-0.148	-0.059	-0.026	0.106	11	-1605.04	3232.466
0.027		-0.187			0.076	11	-1605.04	3232.467
	-0.031	-0.164			0.106	11	-1605.04	3232.471
	0.036	-0.236		-0.015	0.105	10	-1606.07	3232.472
		-0.107	-0.015		0.107	8	-1608.13	3232.472
	0.029	-0.242		-0.015	0.105	10	-1606.07	3232.472
		-0.179		-0.017	0.106	11	-1605.04	3232.472
		-0.137	-0.06	-0.023	0.106	11	-1605.04	3232.474
		-0.091		-0.011	0.104	9	-1607.1	3232.476
	-0.006	-0.159	-0.069	-0.032	0.107	11	-1605.04	3232.476
0.022			-0.058		0.084	11	-1605.04	3232.479
0.026	0.033	-0.239		-0.017	0.078	11	-1605.04	3232.479
0.025		-0.171			0.08	11	-1605.04	3232.481
		-0.155	-0.066	-0.031	0.107	11	-1605.05	3232.484
	0.019	-0.116		-0.004	0.106	10	-1606.08	3232.485

	0.017	-0.224	-0.019	-0.019	0.105	10	-1606.08	3232.487
		-0.142	-0.064	-0.028	0.107	11	-1605.05	3232.488
		-0.151	-0.06	-0.027	0.107	11	-1605.05	3232.488
	-0.031		-0.063		0.108	10	-1606.08	3232.492
	-0.042		-0.016		0.108	11	-1605.05	3232.492
		-0.106		-0.008	0.105	10	-1606.08	3232.494
		-0.177		-0.019	0.1	12	-1604.02	3232.496
	0.039	-0.196			0.098	11	-1605.05	3232.499
		-0.147	-0.055		0.108	10	-1606.09	3232.5
				-0.002	0.105	10	-1606.09	3232.501
0.023		-0.165	-0.022		0.083	11	-1605.05	3232.502
		-0.225			0.097	11	-1605.06	3232.508
0.026	0.032	-0.164			0.078	11	-1605.06	3232.508
0.026	0.042	-0.175	0.007		0.078	11	-1605.06	3232.514
	0.13				0.107	9	-1607.13	3232.521
		-0.153	-0.053	-0.022	0.106	11	-1605.06	3232.521
0.022			-0.054		0.084	11	-1605.06	3232.521
					0.108	11	-1605.06	3232.522
0.025				-0.001	0.08	11	-1605.07	3232.523
		-0.162	0.016		0.106	11	-1605.07	3232.523
0.023	-0.095				0.082	11	-1605.07	3232.524
		-0.163	0.012		0.107	11	-1605.07	3232.526
		-0.241	-0.036	-0.029	0.105	10	-1606.1	3232.527
		-0.163	0.016		0.106	11	-1605.07	3232.527
0.025		-0.229			0.078	11	-1605.07	3232.528
	-0.001	-0.165	0.015		0.107	11	-1605.07	3232.528
	0.006				0.108	11	-1605.07	3232.529
0.025	0.039	-0.2			0.08	11	-1605.07	3232.529
0.025	0.04	-0.198			0.08	11	-1605.07	3232.532
		-0.156			0.106	11	-1605.07	3232.533
					0.108	11	-1605.07	3232.533
				0	0.108	11	-1605.07	3232.534
	-0.042	-0.153			0.105	11	-1605.07	3232.535
		-0.154			0.106	11	-1605.07	3232.535
0.025	0.041	-0.196			0.08	11	-1605.07	3232.537
		-0.124	-0.027	-0.011	0.105	10	-1606.11	3232.539
	-0.063	-0.163	-0.007		0.106	11	-1605.08	3232.542
				0.004	0.107	11	-1605.08	3232.544
					0.099	10	-1606.11	3232.545
0.025		-0.262	-0.031	-0.032	0.079	11	-1605.08	3232.546
-0.515					0.477	10	-1606.11	3232.551
	0.037	-0.163	-0.002		0.105	10	-1606.11	3232.551
		-0.223			0.105	10	-1606.11	3232.552
	0.038	-0.157			0.105	10	-1606.11	3232.554
0.025		-0.241	-0.026	-0.025	0.079	11	-1605.08	3232.556
		-0.161	0.005		0.106	11	-1605.08	3232.557
		-0.225	-0.032	-0.023	0.105	10	-1606.12	3232.56
		-0.153	-0.059	-0.032	0.1	12	-1604.05	3232.562

		-0.098		-0.006	0.107	8	-1608.18	3232.563
		-0.075		0.001	0.096	10	-1606.12	3232.563
		-0.159			0.107	11	-1605.09	3232.564
		-0.267		-0.016	0.104	10	-1606.12	3232.566
	0	-0.16			0.107	11	-1605.09	3232.567
-0.554			-0.054		0.507	12	-1604.05	3232.568
	-0.061	-0.149			0.105	11	-1605.09	3232.57
		-0.096		-0.006	0.097	11	-1605.09	3232.577
		-0.163			0.106	11	-1605.09	3232.578
	-0.007				0.107	11	-1605.09	3232.58
	0.038	-0.219		-0.013	0.104	10	-1606.13	3232.583
					0.107	11	-1605.1	3232.585
		-0.094			0.1	12	-1604.06	3232.588
0.02					0.088	11	-1605.1	3232.59
0.024		-0.22			0.081	11	-1605.1	3232.6
0.021					0.085	7	-1609.22	3232.604
		-0.121			0.105	9	-1607.17	3232.609
0.022			-0.032		0.084	11	-1605.11	3232.611
		-0.103			0.105	10	-1606.15	3232.616
		-0.253		-0.02	0.097	11	-1605.11	3232.617
	0.047				0.109	8	-1608.2	3232.618
		-0.103			0.105	10	-1606.15	3232.618
		-0.133		-0.007	0.105	11	-1605.12	3232.628
0.022		-0.089			0.084	12	-1604.09	3232.635
		-0.098			0.097	11	-1605.12	3232.637
0.022		-0.099			0.084	12	-1604.09	3232.638
0.022	-0.007	-0.093			0.084	12	-1604.09	3232.639
		-0.248	-0.034	-0.028	0.105	10	-1606.16	3232.639
0.026		-0.257		-0.02	0.078	11	-1605.12	3232.64
		-0.258	-0.034	-0.03	0.105	10	-1606.16	3232.64
		-0.098			0.097	11	-1605.12	3232.641
		-0.131			0.107	11	-1605.13	3232.65
	-0.025			0.001	0.108	11	-1605.13	3232.65
	-0.004	-0.169			0.107	11	-1605.13	3232.65
0.025		-0.258	-0.029	-0.029	0.079	11	-1605.13	3232.65
	-0.025				0.108	11	-1605.13	3232.653
		-0.075		0.001	0.104	9	-1607.19	3232.655
		-0.276	-0.029	-0.032	0.098	11	-1605.13	3232.659
0.022		-0.103	0.003		0.084	12	-1604.1	3232.659
	0.017	-0.114	-0.013		0.105	10	-1606.17	3232.664
0.022		-0.099			0.084	12	-1604.1	3232.665
		-0.095		-0.004	0.104	10	-1606.17	3232.666
		-0.177	-0.042	-0.022	0.106	11	-1605.14	3232.668
0.025		-0.267	-0.03	-0.031	0.079	11	-1605.14	3232.671
	0.046				0.106	10	-1606.17	3232.672
0.025		-0.279	-0.029	-0.032	0.079	11	-1605.14	3232.675
		-0.1			0.105	10	-1606.17	3232.675
	-0.041	-0.152			0.098	12	-1604.11	3232.676

	-0.04	-0.162			0.099	12	-1604.11	3232.68
		-0.133		-0.009	0.098	12	-1604.11	3232.68
0.024					0.081	10	-1606.18	3232.684
		-0.139	-0.011		0.106	11	-1605.15	3232.687
	0.066	-0.122			0.106	10	-1606.18	3232.691
0.023		-0.206		-0.017	0.082	12	-1604.11	3232.692
	0.02		-0.046		0.101	11	-1605.15	3232.696
0.021			-0.033		0.086	12	-1604.12	3232.699
	-0.049	-0.162			0.099	12	-1604.12	3232.7
0.027		-0.17		-0.019	0.077	11	-1605.15	3232.701
	0.021	-0.156			0.106	11	-1605.16	3232.703
		-0.264		-0.017	0.095	11	-1605.16	3232.705
		-0.304	-0.032	-0.034	0.105	10	-1606.19	3232.708
		-0.126	-0.047	-0.019	0.106	11	-1605.16	3232.71
		-0.243		-0.017	0.105	10	-1606.19	3232.711
0.027		-0.268		-0.017	0.075	11	-1605.16	3232.713
		-0.179			0.104	10	-1606.19	3232.715
	-0.061	-0.151			0.098	12	-1604.13	3232.72
-0.552					0.508	12	-1604.13	3232.721
	-0.059	-0.159	-0.002		0.098	12	-1604.13	3232.724
		-0.081	-0.061		0.101	11	-1605.17	3232.726
	0.022	-0.161	0.005		0.106	11	-1605.17	3232.732
		-0.1			0.097	11	-1605.17	3232.733
			-0.052		0.101	11	-1605.17	3232.735
		-0.142	-0.054	-0.025	0.099	12	-1604.14	3232.737
			-0.041		0.107	10	-1606.21	3232.742
				0.009	0.107	10	-1606.21	3232.744
					0.106	8	-1608.27	3232.746
	0.085	-0.115			0.106	10	-1606.21	3232.747
	0.035	-0.199			0.105	10	-1606.21	3232.754
	0.027	-0.103		-0.002	0.104	10	-1606.21	3232.754
		-0.082	-0.031		0.107	11	-1605.18	3232.756
		-0.151			0.099	12	-1604.15	3232.761
		-0.134			0.105	11	-1605.18	3232.761
	0.029	-0.204			0.105	10	-1606.22	3232.764
		-0.156	0.01		0.099	12	-1604.15	3232.77
	0.046	-0.197			0.105	10	-1606.22	3232.772
	0.043	-0.203	0.005		0.105	10	-1606.22	3232.772
	0.033	-0.201			0.105	10	-1606.22	3232.772
	0.041	-0.204	0.005		0.105	10	-1606.23	3232.777
	0.038	-0.206	0.004		0.105	10	-1606.23	3232.778
0.024	-0.06	-0.154			0.081	12	-1604.16	3232.779
	0.043	-0.199			0.105	10	-1606.23	3232.781
-0.584			-0.048		0.53	12	-1604.16	3232.785
	0.035	-0.205			0.105	10	-1606.23	3232.786
		-0.156	0.02		0.099	12	-1604.16	3232.791
		-0.147	-0.054	-0.027	0.1	12	-1604.16	3232.791
-0.705			-0.074	-0.03	0.619	13	-1603.13	3232.793

	0.041	-0.21	0.011		0.097	11	-1605.2	3232.793
		-0.219			0.097	11	-1605.2	3232.794
				-0.006	0.106	8	-1608.29	3232.795
-0.544					0.497	11	-1605.2	3232.795
	0.046				0.098	11	-1605.2	3232.796
-0.125	0.035	-0.188			0.19	11	-1605.2	3232.798
	0.025	-0.214			0.097	11	-1605.2	3232.801
		-0.147			0.099	12	-1604.17	3232.805
-0.57	0.026		-0.041		0.519	12	-1604.17	3232.806
					0.098	9	-1607.27	3232.806
0.026		-0.153			0.078	10	-1606.24	3232.807
0.026		-0.223			0.078	11	-1605.21	3232.809
		-0.153	-0.062	-0.031	0.1	12	-1604.17	3232.81
	-0.003	-0.155	-0.063	-0.032	0.1	12	-1604.17	3232.811
		-0.122	-0.027		0.105	10	-1606.24	3232.811
0.022		-0.086	-0.06		0.085	11	-1605.21	3232.812
					0.108	7	-1609.32	3232.813
		-0.157			0.099	12	-1604.17	3232.814
		-0.156	-0.059	-0.03	0.1	12	-1604.18	3232.816
-0.53					0.488	10	-1606.25	3232.817
		-0.105			0.105	10	-1606.25	3232.818
					0.107	6	-1610.35	3232.818
0.025	0.041	-0.214	0.011		0.079	11	-1605.21	3232.82
0.025	0.024	-0.218			0.078	11	-1605.21	3232.82
	0.038	-0.191	0		0.105	10	-1606.25	3232.821
0.025	0.044	-0.211	0.011		0.079	11	-1605.22	3232.823
0.024		-0.166	-0.048	-0.024	0.082	12	-1604.18	3232.825
0.025	0.042	-0.21	0.011		0.079	11	-1605.22	3232.827
	0.038				0.106	9	-1607.28	3232.827
0.023		-0.124			0.083	12	-1604.18	3232.829
				-0.008	0.098	9	-1607.28	3232.833
	0.029	-0.206			0.098	11	-1605.22	3232.835
			0.031		0.107	6	-1610.36	3232.836
0.025	0.043	-0.205	0.009		0.079	11	-1605.22	3232.837
0.023		-0.146	0.02		0.083	12	-1604.19	3232.841
0.021	0.019		-0.047		0.086	11	-1605.22	3232.842
0.025	0.048	-0.197			0.079	11	-1605.22	3232.842
	0.025	-0.215			0.098	11	-1605.23	3232.846
0.025		-0.13	-0.021		0.079	11	-1605.23	3232.85
-0.584	0.048				0.528	12	-1604.2	3232.856
		-0.091		-0.014	0.105	9	-1607.3	3232.857
		-0.08			0.096	11	-1605.23	3232.859
0.025	0.029	-0.209			0.08	11	-1605.23	3232.861
0.026		-0.241		-0.022	0.078	11	-1605.24	3232.863
0.025	0.032	-0.206			0.08	11	-1605.24	3232.866
	0.118				0.1	10	-1606.27	3232.866
0.025	0.023	-0.22			0.079	11	-1605.24	3232.869
0.025	0.032	-0.205			0.08	11	-1605.24	3232.873

		-0.227			0.097	11	-1605.24	3232.875
-0.074		-0.222			0.152	11	-1605.24	3232.878
			-0.057		0.102	11	-1605.24	3232.88
		-0.232			0.097	11	-1605.24	3232.88
		-0.136	-0.004		0.099	12	-1604.21	3232.881
0.021			-0.053		0.086	11	-1605.24	3232.882
0.022	-0.029	-0.125			0.084	12	-1604.21	3232.884
		-0.169			0.106	10	-1606.28	3232.884
		-0.237	0.005		0.097	11	-1605.25	3232.885
-0.524					0.483	10	-1606.28	3232.888
		-0.144	-0.052		0.101	11	-1605.25	3232.888
		-0.212			0.105	10	-1606.28	3232.889
		-0.221			0.105	10	-1606.28	3232.89
0.025		-0.231			0.079	11	-1605.25	3232.893
		-0.136			0.098	12	-1604.21	3232.894
0.026		-0.236			0.078	11	-1605.25	3232.894
		-0.119		-0.01	0.098	11	-1605.25	3232.898
0.026		-0.241	0.005		0.078	11	-1605.25	3232.901
		-0.166			0.098	10	-1606.29	3232.903
0.026					0.079	10	-1606.29	3232.903
		-0.119		-0.008	0.105	10	-1606.29	3232.906
			-0.069		0.102	11	-1605.26	3232.907
0.024					0.081	9	-1607.32	3232.909
					0.107	6	-1610.39	3232.909
		-0.176			0.106	9	-1607.32	3232.913
0.023		-0.162	-0.058	-0.03	0.083	12	-1604.22	3232.913
		-0.163			0.106	9	-1607.32	3232.915
-0.519	-0.093				0.48	12	-1604.23	3232.926
	0.061	-0.115			0.105	10	-1606.3	3232.926
		-0.138		-0.015	0.104	10	-1606.3	3232.929
		-0.229		-0.02	0.105	10	-1606.3	3232.931
0.022			0.029		0.083	11	-1605.27	3232.932
		-0.228	-0.003		0.105	10	-1606.31	3232.938
		-0.171			0.098	11	-1605.27	3232.939
		-0.221			0.096	11	-1605.27	3232.94
		-0.231			0.105	10	-1606.31	3232.94
	0.026				0.106	10	-1606.31	3232.942
0.024				-0.007	0.081	9	-1607.34	3232.944
0.026				-0.006	0.079	10	-1606.31	3232.945
		-0.12		-0.01	0.105	10	-1606.31	3232.945
		-0.145			0.105	9	-1607.34	3232.946
0.025		-0.172			0.08	10	-1606.31	3232.946
					0.105	9	-1607.34	3232.947
0.027		-0.156		-0.022	0.076	11	-1605.28	3232.948
-0.17		-0.167			0.223	10	-1606.31	3232.949
0.027		-0.226			0.076	11	-1605.28	3232.951
0.024		-0.191	-0.037	-0.023	0.081	12	-1604.24	3232.953
0.023	0.045				0.082	11	-1605.28	3232.957

	0.037				0.098	10	-1606.32	3232.96
	0.06	-0.072	0.036	0.018	0.106	9	-1607.35	3232.965
	0.077	-0.113			0.099	11	-1605.29	3232.968
	0.036				0.105	10	-1606.32	3232.969
0.024		-0.14			0.081	12	-1604.25	3232.972
0.022	0.119				0.084	10	-1606.32	3232.973
		-0.196	-0.013		0.106	10	-1606.32	3232.974
		-0.222	-0.009		0.096	11	-1605.29	3232.976
-0.489					0.457	10	-1606.33	3232.977
				-0.006	0.105	9	-1607.36	3232.978
		-0.117		-0.011	0.105	10	-1606.33	3232.982
0.026		-0.227	-0.009		0.077	11	-1605.3	3232.985
		-0.167	-0.02		0.107	11	-1605.3	3232.987
0.025		-0.176			0.08	11	-1605.3	3232.989
	0.059	-0.116			0.099	11	-1605.3	3232.991
0.025		-0.201			0.08	10	-1606.33	3232.992
					0.101	12	-1604.27	3232.994
	0.073	-0.126			0.106	10	-1606.33	3232.995
-0.558					0.509	11	-1605.3	3232.996
				0.011	0.108	9	-1607.37	3232.998
		-0.256		-0.015	0.104	10	-1606.34	3233.005
	0.031				0.106	9	-1607.37	3233.01
		-0.104			0.106	9	-1607.37	3233.011
		-0.095		-0.019	0.097	10	-1606.34	3233.012
			-0.031	0	0.107	10	-1606.34	3233.013
				0.005	0.107	11	-1605.31	3233.017
0.021			-0.057		0.086	11	-1605.31	3233.017
	0.017	-0.134	-0.021		0.106	11	-1605.31	3233.019
		-0.105			0.098	10	-1606.35	3233.025
		-0.191			0.098	10	-1606.35	3233.027
					0.106	10	-1606.35	3233.029
					0.108	6	-1610.45	3233.032
0.021			-0.069		0.087	11	-1605.32	3233.034
-0.028		-0.222			0.116	11	-1605.32	3233.035
		-0.188			0.106	9	-1607.39	3233.039
	0.081				0.105	9	-1607.39	3233.043
			0.011	0.008	0.107	11	-1605.33	3233.048
		-0.097	-0.005	-0.003	0.107	8	-1608.42	3233.05
-0.723	-0.016		-0.095	-0.036	0.633	13	-1603.25	3233.051
0.025		-0.195			0.079	10	-1606.37	3233.057
-0.719			-0.086	-0.034	0.63	13	-1603.26	3233.059
	0.094	-0.12		-0.006	0.106	10	-1606.37	3233.064
					0.101	12	-1604.3	3233.065
			-0.005		0.102	12	-1604.3	3233.066
	-0.032		-0.049		0.108	11	-1605.34	3233.068
		-0.215	-0.016		0.105	10	-1606.37	3233.069
		-0.095		-0.017	0.105	9	-1607.4	3233.07
			-0.001		0.107	11	-1605.34	3233.073

0.024	0.037				0.081	10	-1606.38	3233.079
		-0.081		-0.003	0.096	11	-1605.34	3233.08
0.022	-0.031		-0.057		0.085	11	-1605.35	3233.082
				-0.001	0.102	12	-1604.31	3233.084
	0.024				0.106	9	-1607.41	3233.084
	-0.003				0.102	12	-1604.31	3233.085
0.026		-0.212		-0.02	0.077	11	-1605.35	3233.089
					0.108	6	-1610.48	3233.093
		-0.08			0.104	10	-1606.38	3233.093
	0.05	-0.079	0.03		0.107	9	-1607.41	3233.093
0.022				0.003	0.085	12	-1604.32	3233.097
		-0.145			0.1	12	-1604.32	3233.097
-0.141		-0.18			0.202	11	-1605.35	3233.098
	0.095	-0.114			0.106	10	-1606.39	3233.101
	-0.009				0.107	9	-1607.42	3233.102
	0.097				0.107	10	-1606.39	3233.105
		-0.199	-0.008		0.098	11	-1605.36	3233.114
0.022					0.085	12	-1604.33	3233.115
0.025	0.084				0.079	10	-1606.4	3233.117
		-0.174	-0.021		0.106	10	-1606.4	3233.117
		-0.179	-0.019		0.106	10	-1606.4	3233.117
0.022					0.085	12	-1604.33	3233.124
	0.092	-0.117	0.002		0.106	10	-1606.4	3233.124
		-0.205		-0.01	0.105	11	-1605.37	3233.125
0.022	-0.001				0.085	12	-1604.33	3233.126
0.028		-0.138		-0.015	0.075	11	-1605.37	3233.126
		-0.139			0.106	10	-1606.4	3233.126
	0.037	-0.099	-0.003		0.105	10	-1606.4	3233.127
	0.039	-0.097		0	0.105	10	-1606.4	3233.132
					0.108	11	-1605.37	3233.135
			-0.097	-0.018	0.107	11	-1605.37	3233.136
		-0.114		-0.011	0.105	11	-1605.37	3233.136
0.024		-0.203	-0.009		0.081	11	-1605.37	3233.141
		-0.142	-0.033		0.106	10	-1606.41	3233.144
-0.552			-0.055		0.507	12	-1604.34	3233.148
		-0.215		-0.013	0.097	12	-1604.34	3233.149
-0.783		0.036	-0.079	-0.027	0.677	13	-1603.31	3233.155
	-0.051		-0.114	-0.027	0.108	11	-1605.38	3233.156
0.023		-0.092	-0.026		0.083	12	-1604.35	3233.156
0.022		-0.149			0.084	12	-1604.35	3233.159
	-0.042				0.108	11	-1605.39	3233.167
		-0.212			0.106	10	-1606.42	3233.167
0.025		-0.143			0.08	11	-1605.39	3233.17
					0.1	7	-1609.5	3233.171
		-0.217			0.104	10	-1606.42	3233.173
-0.703			-0.079	-0.03	0.618	13	-1603.32	3233.179
		-0.218	-0.001		0.106	10	-1606.43	3233.181
-0.796		0.11	-0.081		0.688	12	-1604.36	3233.185

0.025		-0.219		-0.013	0.079	12	-1604.36	3233.185
0.02			-0.005		0.087	12	-1604.36	3233.186
0.026		-0.122			0.079	11	-1605.4	3233.186
		-0.219	-0.035	-0.024	0.106	11	-1605.4	3233.188
				0.007	0.108	6	-1610.53	3233.189
	0.03	-0.117		-0.008	0.105	11	-1605.4	3233.192
-0.703			-0.076	-0.029	0.617	13	-1603.33	3233.193
0.021					0.086	12	-1604.37	3233.194
		-0.177	0.01		0.105	11	-1605.41	3233.202
0.024	0.034				0.081	11	-1605.41	3233.207
0.021				-0.001	0.087	12	-1604.37	3233.209
0.021	-0.002				0.087	12	-1604.37	3233.21
	0.035	-0.095	-0.002		0.105	10	-1606.44	3233.213
	0.04	-0.094			0.105	10	-1606.44	3233.214
					0.107	7	-1609.52	3233.214
	0.037	-0.094		0	0.105	10	-1606.44	3233.215
0.024	0.022				0.081	11	-1605.41	3233.215
	0.034	-0.095	-0.001		0.105	10	-1606.45	3233.218
	0.035	-0.095		0	0.105	10	-1606.45	3233.218
		-0.103		-0.018	0.104	10	-1606.45	3233.221
0.021	-0.039		-0.011		0.087	12	-1604.38	3233.221
		-0.11	-0.023	-0.019	0.107	9	-1607.48	3233.221
-0.483			-0.032		0.455	10	-1606.45	3233.222
			0.001		0.108	9	-1607.48	3233.224
	0.037	-0.097		-0.002	0.097	11	-1605.42	3233.228
		-0.179	0.016		0.097	12	-1604.38	3233.229
		-0.259	-0.043	-0.037	0.106	11	-1605.42	3233.229
	0.04	-0.095	0.003		0.097	11	-1605.42	3233.234
	0.066	-0.124			0.099	11	-1605.42	3233.235
			-0.076	-0.022	0.108	11	-1605.42	3233.237
		-0.113			0.105	10	-1606.46	3233.237
					0.108	6	-1610.56	3233.24
		-0.194		-0.017	0.105	10	-1606.46	3233.24
	0.006				0.108	6	-1610.56	3233.241
0.024	0.028				0.081	10	-1606.46	3233.247
		-0.102		-0.023	0.106	9	-1607.5	3233.258
0.022			-0.036		0.084	11	-1605.43	3233.259
		-0.124	-0.021		0.106	11	-1605.44	3233.262
-0.2		-0.149			0.245	12	-1604.4	3233.262
		-0.122	-0.031		0.106	11	-1605.44	3233.264
					0.1	8	-1608.53	3233.267
	0.092	-0.108			0.098	11	-1605.44	3233.273
	0.039	-0.174		-0.013	0.105	11	-1605.44	3233.273
	0.019	-0.123	-0.025		0.106	11	-1605.44	3233.274
	0.087	-0.118		-0.008	0.099	11	-1605.44	3233.275
0.025		-0.183	0.015		0.079	12	-1604.41	3233.276
0.025		-0.213			0.08	11	-1605.44	3233.28
0.021	-0.026				0.086	12	-1604.41	3233.281

		-0.16			0.106	11	-1605.45	3233.288
0.021	-0.028			0	0.086	12	-1604.41	3233.29
0.025		-0.224	0.004		0.08	11	-1605.45	3233.29
0.024		-0.183	-0.015		0.081	11	-1605.45	3233.291
		-0.134		-0.019	0.104	10	-1606.48	3233.293
0.024		-0.179	-0.017		0.081	11	-1605.45	3233.296
		-0.113			0.106	10	-1606.49	3233.304
	0.025	-0.123	-0.026		0.106	11	-1605.46	3233.311
		-0.081		-0.002	0.104	10	-1606.49	3233.312
0.022				0.009	0.084	11	-1605.46	3233.317
			-0.091		0.108	11	-1605.46	3233.318
	0.049	-0.089	0.013	0.004	0.105	10	-1606.5	3233.32
		-0.092	-0.042		0.107	11	-1605.47	3233.326
0.027		-0.225		-0.034	0.076	11	-1605.47	3233.327
	0.033	-0.111			0.105	11	-1605.47	3233.33
	0.035	-0.124	-0.02		0.106	11	-1605.47	3233.332
		-0.12	-0.042		0.106	11	-1605.47	3233.335
0.025	0.036	-0.203		-0.017	0.079	12	-1604.44	3233.336
	0.09	-0.113	0.007		0.099	11	-1605.47	3233.342
	0.062				0.106	10	-1606.51	3233.344
0.023					0.082	11	-1605.48	3233.344
					0.098	11	-1605.48	3233.349
	0.058	-0.121		-0.008	0.106	10	-1606.51	3233.35
	0.036			0.011	0.106	9	-1607.54	3233.351
		-0.118	-0.024		0.108	9	-1607.54	3233.354
-0.613					0.547	12	-1604.45	3233.355
	-0.011	-0.126	-0.028	-0.009	0.106	10	-1606.52	3233.356
		-0.132	-0.021		0.106	10	-1606.52	3233.357
					0.105	10	-1606.52	3233.358
		-0.256		-0.034	0.097	11	-1605.48	3233.358
				0.012	0.106	10	-1606.52	3233.358
		-0.122	-0.016	-0.004	0.106	10	-1606.52	3233.359
	0.051				0.107	9	-1607.55	3233.361
0.024	0.02				0.081	10	-1606.52	3233.364
		-0.12	-0.022	-0.007	0.105	10	-1606.52	3233.37
					0.108	7	-1609.6	3233.37
			-0.037		0.107	11	-1605.49	3233.371
-0.533			-0.07		0.494	12	-1604.45	3233.373
0.027		-0.206		-0.029	0.076	11	-1605.49	3233.373
	0.085				0.1	11	-1605.49	3233.374
			-0.019		0.106	9	-1607.56	3233.376
					0.106	9	-1607.56	3233.38
		-0.119	-0.019	-0.005	0.106	10	-1606.53	3233.385
	-0.064			-0.003	0.108	11	-1605.5	3233.385
	-0.055				0.108	11	-1605.5	3233.388
	0.042	-0.118			0.106	10	-1606.53	3233.391
0.027		-0.261		-0.034	0.077	11	-1605.5	3233.397
	-0.063		-0.001		0.108	11	-1605.5	3233.397

		-0.121			0.106	11	-1605.5	3233.399
	0.001	-0.123	-0.016		0.106	10	-1606.54	3233.404
		-0.281		-0.036	0.096	11	-1605.51	3233.411
		-0.098		-0.004	0.105	10	-1606.54	3233.413
		-0.072	-0.056		0.107	11	-1605.51	3233.421
	-0.039	-0.166	-0.058	-0.026	0.107	11	-1605.52	3233.425
	0.057	-0.098	-0.018		0.105	10	-1606.55	3233.427
		-0.12	-0.047		0.106	11	-1605.52	3233.427
		-0.105	-0.046		0.106	11	-1605.52	3233.428
	0.056	-0.115	0.002		0.106	10	-1606.55	3233.432
	-0.008	-0.12	-0.048		0.106	11	-1605.52	3233.433
0.027		-0.285		-0.036	0.077	11	-1605.52	3233.433
	0.054				0.107	10	-1606.55	3233.434
	0.004	-0.117	-0.017		0.106	10	-1606.55	3233.435
0.025	0.028	-0.119			0.08	12	-1604.49	3233.436
	0.002	-0.118	-0.017		0.106	10	-1606.56	3233.437
		-0.122	-0.019		0.106	10	-1606.56	3233.438
	0.009	-0.112			0.106	11	-1605.52	3233.44
		-0.121	-0.043		0.106	11	-1605.53	3233.443
		-0.099	-0.002		0.105	10	-1606.56	3233.445
					0.106	9	-1607.59	3233.448
	0.061				0.098	11	-1605.53	3233.453
	0.028			0.013	0.106	9	-1607.59	3233.455
	0.043	-0.111		-0.007	0.105	11	-1605.53	3233.457
			-0.03		0.106	9	-1607.6	3233.458
	0.058	-0.121			0.106	11	-1605.54	3233.465
0.027		-0.079			0.077	11	-1605.54	3233.467
	0.016	-0.25	-0.025	-0.026	0.106	11	-1605.54	3233.467
	0.026		-0.009		0.106	9	-1607.6	3233.472
			-0.019		0.106	9	-1607.6	3233.475
		-0.123	0.009	0.001	0.105	11	-1605.54	3233.476
		-0.287		-0.025	0.105	11	-1605.54	3233.477
0.021					0.086	8	-1608.63	3233.478
	0.043			0.005	0.106	10	-1606.58	3233.478
		-0.117	-0.025		0.099	12	-1604.51	3233.479
					0.105	9	-1607.61	3233.48
	0.041	-0.111		-0.009	0.097	12	-1604.51	3233.484
			-0.023	-0.002	0.107	11	-1605.55	3233.487
-0.099		-0.267		-0.034	0.169	11	-1605.55	3233.493
			-0.025		0.107	11	-1605.55	3233.493
	0.009	-0.095	-0.045		0.107	11	-1605.55	3233.494
	0.026				0.106	9	-1607.62	3233.498
		-0.115	-0.038		0.098	12	-1604.52	3233.505
-0.592	0.064				0.533	12	-1604.52	3233.506
0.024					0.08	11	-1605.56	3233.511
0.023		-0.235	-0.03	-0.026	0.082	12	-1604.52	3233.512
	0.035	-0.108		-0.006	0.105	11	-1605.56	3233.514
		-0.11	-0.03	-0.012	0.105	10	-1606.6	3233.518

		-0.084	-0.052		0.107	11	-1605.56	3233.52
0.023	0.086				0.083	11	-1605.56	3233.52
	-0.012		-0.091	-0.025	0.108	11	-1605.57	3233.526
	0.025	-0.125	-0.035		0.106	11	-1605.57	3233.526
		-0.074	-0.058		0.107	11	-1605.57	3233.526
			-0.016		0.106	9	-1607.63	3233.528
	0.035			0.009	0.099	10	-1606.6	3233.528
					0.098	10	-1606.6	3233.53
	0.041	-0.137			0.105	11	-1605.57	3233.533
	0.012	-0.112		0	0.105	10	-1606.6	3233.533
-0.434	0.044	-0.065			0.417	12	-1604.54	3233.534
	0.069	-0.088		0.006	0.105	10	-1606.6	3233.535
	0.045	-0.134			0.105	11	-1605.57	3233.536
			-0.084	-0.023	0.108	11	-1605.57	3233.537
	0.019	-0.124	-0.035		0.106	11	-1605.57	3233.542
		-0.11		-0.011	0.104	10	-1606.61	3233.542
			0.02		0.108	11	-1605.58	3233.545
		-0.121	0.014	0.001	0.097	12	-1604.54	3233.546
				0.01	0.106	9	-1607.64	3233.547
		-0.118	-0.018	-0.007	0.098	11	-1605.58	3233.552
			-0.084	-0.023	0.108	11	-1605.58	3233.555
	0.043	-0.141			0.105	11	-1605.58	3233.561
		-0.159	-0.032		0.106	10	-1606.62	3233.561
			0.008		0.105	10	-1606.62	3233.566
	0.038	-0.12	-0.014		0.099	12	-1604.55	3233.566
		-0.106			0.098	11	-1605.59	3233.568
	0.052	-0.113			0.105	11	-1605.59	3233.569
0.018	0.048				0.09	9	-1607.65	3233.571
	0.06		0.036		0.106	9	-1607.65	3233.571
0.023		-0.276	-0.038	-0.039	0.082	12	-1604.55	3233.574
0.022			-0.025	0.001	0.084	11	-1605.59	3233.575
0.024		-0.162			0.081	12	-1604.56	3233.576
				0.009	0.106	9	-1607.66	3233.578
	0.014	-0.107		0.001	0.105	10	-1606.63	3233.578
	0.019	-0.104		0.001	0.105	10	-1606.63	3233.58
	0.04	-0.107		-0.006	0.105	11	-1605.59	3233.58
		-0.115	-0.045		0.098	12	-1604.56	3233.584
0.025		-0.294		-0.027	0.079	12	-1604.56	3233.585
		-0.196		-0.03	0.104	10	-1606.63	3233.586
	0.055				0.105	10	-1606.63	3233.587
		-0.247		-0.032	0.105	10	-1606.63	3233.587
0.025					0.08	10	-1606.63	3233.589
			-0.074	-0.018	0.108	11	-1605.6	3233.591
	0.064		0.077		0.107	7	-1609.71	3233.592
		-0.109			0.097	11	-1605.6	3233.592
	0.041				0.099	10	-1606.63	3233.593
	0.051	-0.116		-0.008	0.099	11	-1605.6	3233.596
		-0.127	-0.016		0.099	11	-1605.6	3233.596

	0.023	-0.106	-0.017	-0.005	0.105	10	-1606.64	3233.597
	-0.014	-0.115	-0.047		0.098	12	-1604.57	3233.597
		-0.112	-0.036	-0.014	0.105	10	-1606.64	3233.603
		-0.121	-0.041	-0.019	0.106	10	-1606.64	3233.606
				0.01	0.099	11	-1605.61	3233.606
	0.01	-0.122	-0.034		0.106	11	-1605.61	3233.607
	0.032	-0.113			0.098	11	-1605.61	3233.608
	0.044	-0.165	-0.002		0.106	11	-1605.61	3233.608
		-0.122	-0.037		0.106	11	-1605.61	3233.609
-0.567	0.07				0.516	12	-1604.57	3233.61
0.024	0.061				0.081	11	-1605.61	3233.612
			-0.057	-0.009	0.107	11	-1605.61	3233.617
	0.042			0.003	0.099	11	-1605.61	3233.619
	0.009	-0.113	-0.011		0.098	11	-1605.61	3233.62
-0.573					0.522	13	-1603.54	3233.621
		-0.112			0.105	10	-1606.65	3233.623
		-0.11	-0.042		0.107	11	-1605.62	3233.623
	0.026				0.098	10	-1606.65	3233.624
	0.044				0.099	11	-1605.62	3233.625
	0.004	-0.118	-0.036		0.107	11	-1605.62	3233.625
		-0.121	-0.037		0.098	12	-1604.58	3233.625
0.024					0.081	10	-1606.65	3233.625
		-0.12	-0.037		0.106	11	-1605.62	3233.626
		-0.116	-0.039		0.098	12	-1604.58	3233.627
	0.011				0.106	9	-1607.68	3233.628
	0.002	-0.126	-0.035		0.106	11	-1605.62	3233.628
	0.013		-0.013		0.106	9	-1607.68	3233.628
0.024			-0.013		0.081	10	-1606.65	3233.628
	0.029		-0.002		0.099	10	-1606.65	3233.628
		-0.169			0.097	12	-1604.58	3233.63
	0.044	-0.136			0.098	12	-1604.59	3233.635
		-0.116	-0.014		0.098	11	-1605.62	3233.636
0.024	0.035			0.009	0.082	10	-1606.66	3233.637
				0.011	0.106	9	-1607.69	3233.638
					0.106	9	-1607.69	3233.639
		-0.272		-0.034	0.104	10	-1606.66	3233.641
		-0.1	-0.02		0.105	10	-1606.66	3233.644
		-0.115			0.099	12	-1604.59	3233.646
				0.003	0.107	11	-1605.63	3233.646
	0.032			0.008	0.106	10	-1606.66	3233.648
-0.614	0.042			-0.005	0.549	12	-1604.59	3233.648
0.024					0.08	10	-1606.66	3233.649
		-0.193		-0.028	0.104	10	-1606.66	3233.65
-0.492					0.462	13	-1603.56	3233.658
	0.05	-0.116			0.098	12	-1604.6	3233.659
0.022			-0.093	-0.018	0.084	12	-1604.6	3233.659
-0.593	0.053				0.535	12	-1604.6	3233.664
	0.052	-0.109	0.004		0.098	11	-1605.64	3233.664

		-0.128	-0.04		0.107	11	-1605.64	3233.666
0.025		-0.165	-0.027		0.08	11	-1605.64	3233.667
0.027		-0.249		-0.034	0.076	11	-1605.64	3233.667
-0.551				-0.015	0.503	10	-1606.67	3233.668
	0.027	-0.107	-0.032		0.107	11	-1605.64	3233.669
0.022	-0.017				0.085	10	-1606.67	3233.669
	0.035	-0.098		0.004	0.108	9	-1607.7	3233.67
	0.02		-0.073		0.107	11	-1605.64	3233.671
		-0.117		-0.004	0.105	10	-1606.67	3233.671
			0.014		0.098	11	-1605.64	3233.673
					0.101	12	-1604.6	3233.674
	0.017	-0.104		-0.001	0.098	11	-1605.64	3233.676
		-0.119		-0.005	0.105	10	-1606.68	3233.676
					0.106	9	-1607.71	3233.676
0.028		-0.203		-0.027	0.075	11	-1605.64	3233.679
	0.043	-0.11			0.098	12	-1604.61	3233.679
0.021	-0.03		-0.042		0.085	12	-1604.61	3233.68
		-0.064			0.105	10	-1606.68	3233.682
0.024	0.037	-0.144			0.08	12	-1604.61	3233.684
0.021				0.004	0.086	12	-1604.61	3233.684
	0.034	-0.126	-0.026		0.107	11	-1605.65	3233.685
0.021			0.015	0.007	0.085	12	-1604.61	3233.687
			-0.035		0.106	9	-1607.71	3233.687
			-0.014		0.099	10	-1606.68	3233.689
		-0.168			0.104	11	-1605.65	3233.694
0.024	0.025			0.012	0.081	10	-1606.68	3233.694
		-0.115		-0.003	0.105	10	-1606.68	3233.696
			-0.08		0.107	11	-1605.65	3233.697
0.025		-0.174			0.078	12	-1604.62	3233.698
0.025	0.058				0.079	11	-1605.66	3233.704
					0.097	9	-1607.72	3233.705
0.024		-0.127	-0.037		0.081	12	-1604.62	3233.706
0.023		-0.102	-0.037		0.083	12	-1604.62	3233.707
			-0.027	0.003	0.106	9	-1607.72	3233.709
0.024			-0.025		0.081	10	-1606.69	3233.71
0.023	0.04				0.082	10	-1606.69	3233.711
	0.036				0.105	10	-1606.69	3233.711
0.021			0.004		0.085	12	-1604.62	3233.713
0.024	0.044	-0.141			0.08	12	-1604.63	3233.714
			-0.026		0.106	9	-1607.73	3233.722
0.024	0.041	-0.146			0.08	12	-1604.63	3233.722
0.023				0.011	0.082	11	-1605.67	3233.724
				0.001	0.105	9	-1607.73	3233.727
		-0.222	-0.036		0.108	10	-1606.7	3233.729
					0.097	10	-1606.7	3233.732
0.02				0.013	0.088	10	-1606.7	3233.733
	0.017	-0.1	-0.017	-0.002	0.105	10	-1606.7	3233.735
		-0.164	-0.036		0.106	10	-1606.7	3233.736

		-0.222		-0.016	0.096	12	-1604.64	3233.736
				0.007	0.099	10	-1606.71	3233.737
0.024	0.019	-0.262	-0.017	-0.026	0.081	12	-1604.64	3233.74
	0.016			0.013	0.106	9	-1607.74	3233.742
0.024	0.026				0.081	10	-1606.71	3233.742
0.024	0.029		-0.003		0.081	10	-1606.71	3233.745
		-0.117		-0.005	0.098	11	-1605.68	3233.747
			-0.074		0.107	11	-1605.68	3233.748
		-0.227		-0.019	0.105	11	-1605.68	3233.749
	0.025	-0.103	-0.011	-0.005	0.098	11	-1605.68	3233.752
			-0.072	-0.022	0.101	12	-1604.64	3233.752
	-0.078		-0.108	-0.028	0.108	11	-1605.68	3233.753
			0.003	0.013	0.107	9	-1607.74	3233.755
	-0.004			0.012	0.107	9	-1607.75	3233.757
-0.514	0.038				0.476	11	-1605.68	3233.759
					0.098	10	-1606.72	3233.767
	0.034	-0.193		-0.015	0.097	12	-1604.65	3233.768
0.025		-0.234		-0.021	0.079	12	-1604.65	3233.77
0.023	0.042			0.003	0.082	11	-1605.69	3233.772
0.024				0.009	0.081	10	-1606.72	3233.773
		-0.111		-0.003	0.098	11	-1605.69	3233.774
				-0.014	0.098	10	-1606.72	3233.775
		-0.096	-0.014		0.098	11	-1605.69	3233.776
					0.099	10	-1606.73	3233.778
0.021	-0.038				0.085	12	-1604.66	3233.78
-0.473				-0.006	0.449	13	-1603.62	3233.781
0.023	0.044				0.082	11	-1605.69	3233.782
0.021	-0.048		-0.106	-0.026	0.085	12	-1604.66	3233.785
			-0.03		0.1	12	-1604.66	3233.786
-0.348		-0.115			0.353	12	-1604.66	3233.787
			-0.08		0.107	10	-1606.73	3233.788
				-0.013	0.106	9	-1607.76	3233.791
0.026		-0.228		-0.016	0.077	12	-1604.66	3233.792
0.025				0.001	0.08	10	-1606.73	3233.792
					0.105	9	-1607.76	3233.796
			-0.039		0.107	9	-1607.77	3233.797
0.024			-0.012		0.081	10	-1606.74	3233.799
			-0.067	-0.011	0.107	11	-1605.7	3233.8
0.023			-0.014		0.082	10	-1606.74	3233.802
				-0.006	0.109	11	-1605.71	3233.803
		-0.119	-0.038	-0.02	0.098	11	-1605.71	3233.803
			-0.004		0.106	9	-1607.77	3233.807
0.024			0.013		0.081	11	-1605.71	3233.81
		-0.101	-0.03		0.105	10	-1606.74	3233.81
					0.097	9	-1607.77	3233.811
0.025	0.029	-0.198		-0.015	0.078	12	-1604.67	3233.812
	0.034	-0.186		-0.012	0.105	11	-1605.71	3233.813
0.021					0.085	8	-1608.8	3233.813

	0.036	-0.183		-0.012	0.105	11	-1605.71	3233.814
			0.019		0.107	7	-1609.83	3233.82
		-0.116	-0.037	-0.014	0.106	10	-1606.75	3233.82
	-0.001				0.106	9	-1607.78	3233.822
		-0.116	-0.038	-0.014	0.106	10	-1606.75	3233.823
	0.035	-0.188		-0.012	0.105	11	-1605.72	3233.823
			-0.024		0.106	9	-1607.78	3233.825
			-0.059		0.107	11	-1605.72	3233.827
-0.475	0.108				0.449	11	-1605.72	3233.829
	-0.004		-0.062		0.107	11	-1605.72	3233.83
0.021					0.086	12	-1604.68	3233.83
0.025	0.032	-0.199		-0.015	0.079	12	-1604.68	3233.83
0.025	0.034	-0.198		-0.015	0.079	12	-1604.68	3233.833
	-0.046				0.106	11	-1605.72	3233.835
0.023		-0.081	-0.051		0.083	12	-1604.69	3233.835
	0.035	-0.204		-0.014	0.105	11	-1605.72	3233.838
0.024	0.01				0.081	10	-1606.76	3233.84
0.025					0.079	10	-1606.76	3233.844
		-0.11	-0.036	-0.011	0.105	10	-1606.76	3233.845
-0.564			-0.028		0.515	13	-1603.65	3233.847
0.024				0.007	0.082	10	-1606.76	3233.848
0.023	0.014	-0.113	-0.034		0.082	12	-1604.69	3233.849
-0.455	-0.011				0.435	13	-1603.65	3233.851
			-0.019		0.098	10	-1606.76	3233.852
		-0.256	0.048		0.105	11	-1605.73	3233.852
-0.49					0.459	10	-1606.76	3233.855
	0.018				0.108	7	-1609.85	3233.856
	0.013	-0.099	-0.014	-0.002	0.105	10	-1606.77	3233.858
	-0.03	-0.169	-0.061	-0.031	0.107	12	-1604.7	3233.859
0.024	0.047	-0.176	0.007		0.081	12	-1604.7	3233.86
-0.472		0.011			0.448	13	-1603.66	3233.862
		-0.117	-0.032		0.099	12	-1604.7	3233.862
0.024	0.014		-0.007		0.081	10	-1606.77	3233.863
					0.107	7	-1609.85	3233.864
-0.446					0.429	13	-1603.66	3233.864
-0.449			0		0.431	13	-1603.66	3233.866
			-0.012	0.007	0.106	9	-1607.8	3233.866
0.024	0.029			0.006	0.081	11	-1605.74	3233.868
	0.024		-0.045		0.107	11	-1605.74	3233.872
0.022			-0.087		0.085	12	-1604.7	3233.874
	-0.054	-0.191		-0.022	0.107	12	-1604.71	3233.875
		-0.139	-0.026		0.099	12	-1604.71	3233.877
		-0.084		0	0.104	10	-1606.78	3233.88
0.024	0.035				0.08	11	-1605.74	3233.881
0.025		-0.169	-0.032		0.08	11	-1605.75	3233.883
		-0.085		-0.002	0.097	11	-1605.75	3233.883
0.024					0.081	10	-1606.78	3233.884
	0.022				0.106	10	-1606.78	3233.889

		-0.101		-0.02	0.104	10	-1606.78	3233.889
	0.001	-0.122	-0.03		0.099	12	-1604.71	3233.892
	0.018			0.007	0.106	10	-1606.78	3233.892
0.024					0.082	10	-1606.78	3233.894
				0.01	0.108	7	-1609.87	3233.895
		-0.097		-0.008	0.096	12	-1604.72	3233.895
0.025				-0.005	0.079	11	-1605.75	3233.896
0.025	0.03	-0.225		-0.017	0.079	12	-1604.72	3233.897
	-0.038	-0.157		-0.017	0.107	12	-1604.72	3233.902
0.025				-0.014	0.08	10	-1606.79	3233.909
		-0.098	-0.047		0.107	11	-1605.76	3233.911
				0.012	0.097	10	-1606.79	3233.912
0.021			0.009		0.086	10	-1606.8	3233.919
					0.106	9	-1607.83	3233.92
	-0.021		-0.011		0.107	9	-1607.83	3233.92
0.023		-0.094	-0.047		0.083	12	-1604.73	3233.921
0.021			-0.072	-0.022	0.086	12	-1604.73	3233.927
		-0.215		-0.014	0.104	11	-1605.77	3233.928
	-0.022	-0.18		-0.018	0.106	12	-1604.73	3233.931
	-0.126		-0.026		0.107	11	-1605.77	3233.932
		-0.096	-0.024		0.098	11	-1605.77	3233.933
0.023		-0.09	-0.05		0.083	12	-1604.73	3233.933
0.024			-0.031		0.081	10	-1606.8	3233.934
	0.005		-0.006		0.106	9	-1607.83	3233.935
			-0.037	-0.006	0.107	9	-1607.83	3233.935
				-0.005	0.105	10	-1606.81	3233.94
				0.013	0.105	9	-1607.84	3233.94
			-0.053		0.107	11	-1605.77	3233.94
0.022			-0.03		0.085	12	-1604.74	3233.941
	-0.063				0.101	12	-1604.74	3233.944
		-0.236		-0.032	0.104	10	-1606.81	3233.946
	-0.035	-0.19	-0.007	-0.021	0.107	12	-1604.74	3233.948
			-0.014	0.005	0.106	10	-1606.81	3233.949
	-0.026		-0.077		0.107	11	-1605.78	3233.951
0.024		-0.145	-0.026		0.082	12	-1604.75	3233.955
0.023				0.011	0.082	10	-1606.82	3233.958
0.024			-0.022	0.003	0.081	10	-1606.82	3233.959
	0.037	-0.122	-0.02		0.099	12	-1604.75	3233.959
0.024			-0.019		0.081	10	-1606.82	3233.96
	-0.035	-0.185		-0.018	0.106	12	-1604.75	3233.961
0.025		-0.261	0.053		0.079	12	-1604.75	3233.962
			-0.049		0.108	12	-1604.75	3233.964
					0.099	10	-1606.82	3233.972
0.023	0.009	-0.135	-0.026		0.082	12	-1604.75	3233.972
0.023	0.065		0.046		0.082	10	-1606.82	3233.973
	0.031	-0.123	-0.022		0.099	12	-1604.76	3233.974
	-0.007		-0.019		0.106	10	-1606.83	3233.976
				0.009	0.106	9	-1607.86	3233.978

		-0.104	-0.028		0.105	10	-1606.83	3233.986
	-0.013		-0.07		0.107	11	-1605.8	3233.987
		-0.183	-0.037		0.107	10	-1606.83	3233.987
0.027		-0.094		-0.013	0.076	12	-1604.76	3233.988
0.023		-0.118	-0.036		0.082	12	-1604.76	3233.991
					0.097	11	-1605.8	3233.995
	0.015			0.009	0.105	10	-1606.84	3233.996
		-0.096		-0.006	0.104	11	-1605.8	3233.997
		-0.173		-0.018	0.107	12	-1604.77	3233.998
		-0.109	-0.032	-0.012	0.098	11	-1605.81	3234.003
	0.052	-0.121		-0.009	0.106	11	-1605.81	3234.003
				0.007	0.106	9	-1607.87	3234.006
	-0.045				0.099	12	-1604.77	3234.008
				0.004	0.106	11	-1605.81	3234.009
		-0.112	-0.031	-0.013	0.098	11	-1605.81	3234.011
			-0.017		0.099	10	-1606.84	3234.011
	0.063	-0.117		-0.007	0.105	11	-1605.81	3234.011
			-0.075		0.099	12	-1604.77	3234.011
0.025				0.013	0.079	10	-1606.84	3234.013
	0.041	-0.155			0.105	11	-1605.81	3234.018
	0.051	-0.146			0.105	11	-1605.81	3234.019
					0.106	8	-1608.91	3234.028
			-0.063		0.107	11	-1605.82	3234.031
		-0.161	-0.027	-0.019	0.106	12	-1604.78	3234.033
	0.044	-0.153			0.105	11	-1605.82	3234.038
	0.059		0.062		0.107	8	-1608.91	3234.042
0.022			-0.022		0.084	12	-1604.79	3234.043
0.022			-0.017	-0.001	0.084	12	-1604.79	3234.046
					0.106	8	-1608.92	3234.051
		-0.155	-0.017	-0.016	0.106	12	-1604.79	3234.053
0.023	0.011			0.012	0.082	10	-1606.86	3234.055
	-0.035	-0.156	-0.077	-0.034	0.106	12	-1604.8	3234.055
					0.097	10	-1606.86	3234.055
0.023	0.031	-0.128	-0.021		0.083	12	-1604.8	3234.056
	-0.015		-0.052		0.107	11	-1605.83	3234.057
	0.019	-0.169	-0.015		0.106	11	-1605.83	3234.058
	0.041	-0.151			0.105	11	-1605.83	3234.058
	0.043	-0.149			0.105	11	-1605.83	3234.058
		-0.268		-0.019	0.096	12	-1604.8	3234.059
					0.106	9	-1607.9	3234.059
		-0.183		-0.024	0.104	10	-1606.87	3234.059
	0.039	-0.154			0.105	11	-1605.83	3234.061
0.021	-0.064			-0.003	0.086	12	-1604.8	3234.066
	-0.044				0.097	9	-1607.9	3234.068
				0.007	0.098	10	-1606.87	3234.069
			-0.035		0.1	10	-1606.87	3234.072
					0.107	7	-1609.95	3234.072
	0.05	-0.105		-0.005	0.105	11	-1605.84	3234.074

0.026		-0.273		-0.019	0.077	12	-1604.81	3234.076
	0.037	-0.238		-0.017	0.105	11	-1605.84	3234.077
			-0.066	-0.016	0.101	12	-1604.81	3234.078
0.021	-0.058		0.003		0.086	12	-1604.81	3234.079
0.021	-0.063				0.086	12	-1604.81	3234.083
			-0.037	-0.005	0.107	11	-1605.85	3234.085
			-0.079	-0.024	0.102	12	-1604.81	3234.085
	0.031	-0.16			0.097	12	-1604.81	3234.086
0.024					0.081	10	-1606.88	3234.09
	0.061	-0.111			0.106	11	-1605.85	3234.096
	-0.008		-0.082	-0.024	0.102	12	-1604.82	3234.099
0.025	0.034	-0.249		-0.02	0.078	12	-1604.82	3234.099
	0.064	-0.111			0.106	11	-1605.85	3234.1
		-0.031	-0.027		0.108	12	-1604.82	3234.101
	0.03	-0.243		-0.018	0.097	12	-1604.82	3234.101
	0.055	-0.115		-0.009	0.098	12	-1604.82	3234.101
	0.05	-0.147			0.098	12	-1604.82	3234.102
	0.049	-0.105		-0.007	0.097	12	-1604.82	3234.104
	-0.006	-0.103		-0.008	0.107	12	-1604.82	3234.107
		-0.162		-0.014	0.106	12	-1604.82	3234.109
	-0.1	-0.185	-0.029	-0.019	0.106	12	-1604.82	3234.109
			-0.04		0.108	12	-1604.82	3234.111
	0.025	-0.164			0.098	12	-1604.83	3234.115
		-0.16		-0.013	0.106	12	-1604.83	3234.116
		-0.11		-0.008	0.107	12	-1604.83	3234.117
0.024	-0.005				0.082	10	-1606.9	3234.117
			-0.077	-0.022	0.102	12	-1604.83	3234.119
	-0.006		-0.037		0.108	12	-1604.83	3234.119
	0.061	-0.114			0.106	11	-1605.86	3234.121
0.024			-0.017		0.082	10	-1606.9	3234.122
	0.045	-0.116		-0.009	0.098	12	-1604.83	3234.122
		-0.124	-0.003	-0.009	0.107	12	-1604.83	3234.122
0.024	0.019				0.081	11	-1605.87	3234.122
0.025	0.038	-0.161			0.08	12	-1604.83	3234.122
		-0.104		-0.007	0.107	12	-1604.83	3234.123
			-0.038	-0.001	0.108	12	-1604.83	3234.124
		-0.187			0.097	12	-1604.83	3234.126
			0.023		0.101	12	-1604.83	3234.126
0.026	0.03	-0.247		-0.019	0.078	12	-1604.83	3234.126
-0.633				-0.023	0.563	11	-1605.87	3234.128
		-0.18	0.008	-0.017	0.107	12	-1604.83	3234.128
0.023			0.001		0.082	10	-1606.9	3234.13
		-0.097	-0.026		0.098	11	-1605.87	3234.132
		-0.106		-0.025	0.097	11	-1605.87	3234.132
			0.034		0.097	9	-1607.93	3234.133
		-0.149	-0.04	-0.021	0.106	12	-1604.83	3234.134
		-0.119		-0.008	0.107	12	-1604.84	3234.135
0.025	0.043	-0.157			0.079	12	-1604.84	3234.135

0.022			-0.052	-0.009	0.084	12	-1604.84	3234.136
0.022	0.025		-0.067		0.083	12	-1604.84	3234.137
		-0.144	-0.036	-0.019	0.106	12	-1604.84	3234.138
0.026					0.078	11	-1605.87	3234.139
	-0.08	-0.158	-0.097	-0.038	0.107	12	-1604.84	3234.139
0.023			-0.076		0.083	12	-1604.84	3234.139
0.024			-0.006	0.007	0.081	10	-1606.91	3234.144
0.024			-0.007	0.005	0.081	11	-1605.88	3234.147
0.025	0.03	-0.165			0.079	12	-1604.84	3234.15
	0.122				0.107	10	-1606.91	3234.152
0.024	0.008			0.007	0.08	11	-1605.88	3234.153
	0.032	-0.233		-0.015	0.105	11	-1605.88	3234.154
	-0.091			0.007	0.106	11	-1605.88	3234.155
0.026	0.037	-0.237		-0.018	0.078	12	-1604.85	3234.159
0.022				0.002	0.084	12	-1604.85	3234.161
		-0.166		-0.019	0.107	12	-1604.85	3234.162
0.023	-0.045				0.082	12	-1604.85	3234.165
-0.574			0.027		0.524	13	-1603.81	3234.166
0.025	0.041	-0.155			0.08	12	-1604.85	3234.166
	0.041	-0.224		-0.015	0.105	11	-1605.89	3234.167
				0.004	0.106	10	-1606.92	3234.167
		-0.181		-0.018	0.107	12	-1604.85	3234.168
0.025					0.079	10	-1606.92	3234.168
	-0.017	-0.074	-0.009		0.108	12	-1604.85	3234.17
					0.105	10	-1606.92	3234.171
0.023			-0.035		0.083	10	-1606.92	3234.172
		-0.183			0.097	12	-1604.85	3234.173
					0.107	7	-1610.01	3234.175
0.024	0.05	-0.152			0.08	12	-1604.86	3234.175
0.023			-0.075		0.083	11	-1605.89	3234.177
0.024	-0.006		-0.011		0.081	11	-1605.89	3234.179
					0.107	8	-1608.98	3234.179
0.024				0.008	0.081	10	-1606.93	3234.179
-0.149		-0.167	-0.032		0.209	11	-1605.89	3234.18
0.024				0.006	0.08	10	-1606.93	3234.181
0.025	0.024	-0.17			0.08	12	-1604.86	3234.181
			-0.032	-0.007	0.099	10	-1606.93	3234.181
				0.003	0.106	10	-1606.93	3234.182
0.024	0.012			0.005	0.082	11	-1605.9	3234.183
0.026		-0.192			0.078	12	-1604.86	3234.186
					0.098	11	-1605.9	3234.187
					0.106	10	-1606.93	3234.189
				0.003	0.098	11	-1605.9	3234.19
					0.106	10	-1606.93	3234.193
-0.561	-0.027				0.511	13	-1603.83	3234.193
					0.098	11	-1605.9	3234.193
	0.051				0.109	9	-1607.97	3234.196
					0.105	10	-1606.94	3234.197

				0.002	0.099	12	-1604.87	3234.197
		-0.063	-0.067		0.108	11	-1605.9	3234.198
0.023			0.011	0.014	0.083	10	-1606.94	3234.199
			-0.053		0.1	12	-1604.87	3234.201
				-0.003	0.105	9	-1607.97	3234.204
-0.6				-0.006	0.539	13	-1603.83	3234.207
	-0.043	-0.156	-0.086	-0.036	0.107	12	-1604.87	3234.208
-0.474		-0.041			0.446	13	-1603.84	3234.213
		-0.075	-0.005		0.107	12	-1604.87	3234.214
	-0.012	-0.086			0.107	12	-1604.88	3234.214
		-0.182			0.106	11	-1605.91	3234.215
		-0.091	-0.005		0.107	12	-1604.88	3234.217
		-0.186	-0.033		0.099	11	-1605.91	3234.217
	-0.009	-0.083			0.107	12	-1604.88	3234.217
	-0.006	-0.081			0.107	12	-1604.88	3234.218
	0.016			0.003	0.106	11	-1605.91	3234.218
0.024	0.005		0		0.081	10	-1606.95	3234.218
					0.097	11	-1605.91	3234.219
					0.107	7	-1610.03	3234.222
0.022		-0.236	-0.03		0.084	11	-1605.92	3234.222
	0.056	-0.109			0.098	12	-1604.88	3234.224
-0.635				-0.006	0.564	12	-1604.88	3234.224
-0.536			0.018		0.491	12	-1604.88	3234.225
		-0.184			0.104	11	-1605.92	3234.225
	0.056	-0.108			0.098	12	-1604.88	3234.225
		-0.081			0.107	12	-1604.88	3234.227
		-0.26		-0.017	0.104	11	-1605.92	3234.227
	-0.03	-0.171		-0.012	0.106	12	-1604.88	3234.228
		-0.182			0.105	11	-1605.92	3234.229
	-0.049	-0.152	-0.088	-0.036	0.107	12	-1604.88	3234.229
		-0.08			0.107	12	-1604.88	3234.23
	0.052	-0.106			0.098	12	-1604.88	3234.23
0.026		-0.188			0.078	12	-1604.88	3234.23
		-0.083			0.107	12	-1604.88	3234.23
0.022	-0.012			0.011	0.084	10	-1606.95	3234.231
	-0.044	-0.18		-0.018	0.099	13	-1603.84	3234.231
		-0.171	0.004	-0.013	0.106	12	-1604.88	3234.231
	-0.048	-0.16	-0.086	-0.036	0.107	12	-1604.88	3234.234
			0.029	0.011	0.107	11	-1605.92	3234.234
	-0.046	-0.151	-0.093	-0.033	0.106	12	-1604.89	3234.234
-0.63					0.561	12	-1604.89	3234.236
-0.62					0.553	12	-1604.89	3234.237
	-0.02	-0.153	-0.075	-0.032	0.106	12	-1604.89	3234.24
		-0.216		-0.014	0.095	12	-1604.89	3234.24
0.025				-0.003	0.079	10	-1606.96	3234.24
				0.002	0.106	10	-1606.96	3234.243
0.024		-0.19	-0.033		0.082	11	-1605.93	3234.244
	0.04	-0.103		-0.003	0.105	11	-1605.93	3234.244

	0.036	-0.102		-0.003	0.105	11	-1605.93	3234.248
0.021			-0.066	-0.016	0.086	12	-1604.89	3234.251
	0.043	-0.104			0.105	11	-1605.93	3234.257
0.021			-0.079	-0.023	0.087	12	-1604.9	3234.258
0.022			-0.07		0.084	12	-1604.9	3234.259
		-0.105		-0.024	0.105	10	-1606.97	3234.26
-0.54	-0.057				0.498	13	-1603.86	3234.263
	0.024		-0.052		0.108	11	-1605.94	3234.267
				0.007	0.097	11	-1605.94	3234.27
0.02	-0.008		-0.083	-0.024	0.087	12	-1604.9	3234.271
	0.029	-0.102		-0.004	0.105	11	-1605.94	3234.272
		-0.147	-0.055	-0.026	0.106	12	-1604.9	3234.273
0.021			0.023		0.087	12	-1604.91	3234.275
	0.027		-0.051		0.108	11	-1605.94	3234.275
	-0.032	-0.131	-0.09	-0.033	0.107	12	-1604.91	3234.278
0.027		-0.221		-0.014	0.075	12	-1604.91	3234.282
					0.105	10	-1606.98	3234.282
					0.1	8	-1609.04	3234.287
0.026	0.025	-0.215	-0.009	-0.018	0.078	12	-1604.91	3234.287
		-0.164		-0.012	0.106	12	-1604.91	3234.288
		-0.166		-0.018	0.099	13	-1603.87	3234.288
0.023			-0.033	-0.007	0.083	10	-1606.98	3234.289
	-0.033		-0.074		0.1	12	-1604.91	3234.29
0.021			-0.077	-0.022	0.087	12	-1604.91	3234.29
		-0.064		-0.01	0.104	11	-1605.95	3234.29
		-0.099		-0.005	0.105	10	-1606.98	3234.292
	-0.117		-0.019		0.1	12	-1604.91	3234.293
		-0.178	0.013	-0.012	0.106	12	-1604.92	3234.302
-0.251		-0.131			0.28	12	-1604.92	3234.303
	0.027		-0.037		0.1	12	-1604.92	3234.305
		-0.173	-0.006	-0.014	0.106	12	-1604.92	3234.307
0.022			-0.064	-0.011	0.084	12	-1604.92	3234.307
		-0.135	-0.064	-0.03	0.107	12	-1604.92	3234.309
		-0.15	-0.059	-0.028	0.106	12	-1604.92	3234.309
	-0.096	-0.181	-0.023	-0.019	0.099	13	-1603.88	3234.311
	-0.028	-0.157	-0.082	-0.033	0.107	12	-1604.93	3234.315
		-0.111	-0.039		0.1	12	-1604.93	3234.317
	0.049	-0.103	0.007	-0.003	0.106	11	-1605.96	3234.32
-0.526					0.485	11	-1605.96	3234.32
	-0.006	-0.182	-0.015	-0.018	0.106	12	-1604.93	3234.321
0.026	0.032	-0.202		-0.014	0.077	12	-1604.93	3234.323
	0.082				0.105	10	-1607	3234.323
			-0.06		0.108	11	-1605.97	3234.326
0.023	-0.035	-0.173		-0.019	0.083	13	-1603.89	3234.326
	0.001	-0.154	-0.061	-0.03	0.107	12	-1604.93	3234.33
-0.529	0.048				0.488	11	-1605.97	3234.335
		-0.16	-0.044	-0.023	0.106	12	-1604.94	3234.336
	-0.022	-0.107			0.107	12	-1604.94	3234.338

0.025					0.08	11	-1605.97	3234.341
		-0.179			0.096	12	-1604.94	3234.342
0.024				0.003	0.08	11	-1605.98	3234.343
					0.107	7	-1610.09	3234.344
0.022	-0.002		-0.055		0.084	12	-1604.94	3234.346
0.022			-0.053		0.084	12	-1604.94	3234.348
0.024					0.08	11	-1605.98	3234.351
0.026		-0.2	-0.026	-0.022	0.078	12	-1604.94	3234.352
	-0.041				0.106	8	-1609.07	3234.352
0.023				0.003	0.082	12	-1604.95	3234.355
	0.021	-0.2	-0.017	-0.017	0.105	11	-1605.98	3234.358
-0.632				-0.016	0.567	13	-1603.91	3234.358
				0.003	0.106	10	-1607.02	3234.358
0.022			0.025		0.084	8	-1609.07	3234.359
				0.003	0.107	7	-1610.1	3234.359
	0.053	-0.198	0.016		0.105	11	-1605.98	3234.361
			-0.046		0.1	12	-1604.95	3234.361
		-0.112	-0.022	-0.011	0.107	9	-1608.05	3234.363
		-0.139	-0.05	-0.022	0.106	12	-1604.95	3234.364
		-0.148	-0.054	-0.024	0.106	12	-1604.95	3234.366
0.025					0.079	11	-1605.99	3234.367
0.024				0.002	0.08	11	-1605.99	3234.369
0.024					0.08	11	-1605.99	3234.369
	0.004				0.107	7	-1610.1	3234.37
			-0.004		0.107	7	-1610.1	3234.371
	-0.045	-0.124			0.107	12	-1604.95	3234.372
					0.107	7	-1610.1	3234.373
		-0.175			0.096	12	-1604.95	3234.373
		-0.146	-0.033	-0.021	0.099	13	-1603.92	3234.373
	-0.038	-0.17		-0.013	0.098	13	-1603.92	3234.373
	0.074				0.107	11	-1605.99	3234.375
0.024		-0.184			0.08	12	-1604.96	3234.375
0.026		-0.105			0.078	11	-1605.99	3234.375
		-0.151		-0.028	0.107	12	-1604.96	3234.377
0.025	0.085				0.079	11	-1605.99	3234.379
0.024	0.027	-0.187	-0.004		0.082	12	-1604.96	3234.381
	0.02	-0.208			0.106	11	-1605.99	3234.381
0.025				0.001	0.08	11	-1606	3234.382
	0.013	-0.165		-0.013	0.106	12	-1604.96	3234.385
	0.141				0.106	10	-1607.03	3234.386
0.022	-0.022		-0.003		0.084	10	-1607.03	3234.386
		-0.093		-0.004	0.097	11	-1606	3234.388
0.026		-0.184			0.077	12	-1604.96	3234.39
	-0.025	-0.119	0.008		0.107	12	-1604.96	3234.391
-0.588			-0.041		0.532	13	-1603.92	3234.392
		-0.075		-0.001	0.096	11	-1606	3234.392
0.022		-0.117	-0.038		0.084	12	-1604.97	3234.397
	-0.092			0.006	0.099	12	-1604.97	3234.4

		-0.187	-0.032	-0.02	0.105	11	-1606	3234.4
-0.505				0.004	0.47	12	-1604.97	3234.4
			-0.02		0.109	12	-1604.97	3234.402
	-0.048	-0.154		-0.009	0.105	12	-1604.97	3234.402
			-0.057		0.1	12	-1604.97	3234.403
	0.049	-0.201	0.018		0.097	12	-1604.97	3234.404
0.025				0.007	0.078	11	-1606.01	3234.406
0.025	0.055	-0.204	0.021		0.079	12	-1604.97	3234.407
-0.57	0.032		-0.032		0.519	13	-1603.93	3234.41
		-0.223			0.106	11	-1606.01	3234.412
				0.008	0.105	10	-1607.04	3234.415
		-0.282		-0.022	0.097	12	-1604.98	3234.417
		-0.124	-0.03	-0.026	0.108	10	-1607.05	3234.418
0.027		-0.18			0.076	12	-1604.98	3234.42
	0.054	-0.191	0.012		0.105	11	-1606.01	3234.421
0.022	-0.118		-0.02		0.084	12	-1604.98	3234.423
-0.517	0.025				0.478	11	-1606.02	3234.423
			0.031		0.106	8	-1609.11	3234.424
	0.046	-0.197	0.011		0.105	11	-1606.02	3234.424
0.026		-0.311		-0.028	0.078	12	-1604.98	3234.426
		-0.274	-0.009	-0.021	0.097	12	-1604.98	3234.428
0.022	-0.034		-0.075		0.083	12	-1604.98	3234.431
		-0.107			0.107	12	-1604.98	3234.431
	0.08				0.107	8	-1609.11	3234.432
-0.508	0.033			0.002	0.472	11	-1606.02	3234.434
0.026		-0.286		-0.022	0.078	12	-1604.99	3234.434
-0.518	0.033		0.003		0.479	11	-1606.02	3234.435
0.025	0.049	-0.205	0.018		0.078	12	-1604.99	3234.437
		-0.221		-0.02	0.097	12	-1604.99	3234.438
0.023		-0.171		-0.016	0.082	13	-1603.95	3234.439
		-0.277	-0.011	-0.025	0.105	11	-1606.02	3234.439
0.026		-0.278	-0.009	-0.021	0.078	12	-1604.99	3234.441
		-0.302		-0.025	0.105	11	-1606.02	3234.441
	-0.04		-0.027		0.108	12	-1604.99	3234.442
		-0.25	-0.021	-0.022	0.105	11	-1606.03	3234.443
-0.093	0.027	-0.237		-0.018	0.165	12	-1604.99	3234.444
	0.049	-0.186			0.106	11	-1606.03	3234.445
	-0.062	-0.177		-0.01	0.105	12	-1604.99	3234.451
	-0.08	-0.154	-0.092	-0.038	0.099	13	-1603.95	3234.451
		-0.159		-0.013	0.098	13	-1603.95	3234.452
	-0.049	-0.154		-0.011	0.098	13	-1603.96	3234.453
	0.012	-0.265		-0.018	0.097	12	-1604.99	3234.454
0.022	0.027		-0.037		0.085	12	-1604.99	3234.454
0.025	0.055	-0.198	0.018		0.079	12	-1605	3234.454
	-0.05	-0.145	-0.091	-0.033	0.099	13	-1603.96	3234.454
-0.05		-0.267		-0.019	0.133	12	-1605	3234.456
		-0.173	0.012	-0.016	0.1	13	-1603.96	3234.456
	-0.072		-0.082	-0.022	0.108	12	-1605	3234.457

-0.292	-0.07	-0.104			0.313	13	-1603.96	3234.458
		-0.223		-0.022	0.105	12	-1605	3234.458
	0.118				0.107	10	-1607.07	3234.459
		-0.272		-0.019	0.096	12	-1605	3234.46
0.026	0.013	-0.275		-0.022	0.078	12	-1605	3234.46
0.021	-0.075		-0.1	-0.026	0.086	12	-1605	3234.46
		-0.127		-0.01	0.1	13	-1603.96	3234.462
	0.013	-0.267		-0.02	0.105	11	-1606.04	3234.464
	0.023	-0.255	-0.006	-0.02	0.097	12	-1605	3234.464
0.025		-0.286	-0.006	-0.026	0.079	12	-1605	3234.465
	0.023	-0.251		-0.018	0.097	12	-1605	3234.467
0.023		-0.158	-0.031	-0.021	0.082	13	-1603.96	3234.468
		-0.123	0.004		0.107	12	-1605	3234.468
-0.548			-0.053		0.503	13	-1603.96	3234.468
0.026	0.01	-0.271		-0.018	0.077	12	-1605	3234.469
	0.103	-0.121	0.031		0.106	11	-1606.04	3234.472
		-0.258	-0.017	-0.024	0.098	12	-1605	3234.473
0.026		-0.276		-0.019	0.077	12	-1605	3234.474
					0.098	10	-1607.07	3234.474
	0.024	-0.249	-0.011	-0.019	0.105	11	-1606.04	3234.474
0.024	0.009			0.002	0.081	12	-1605.01	3234.476
	0.037	-0.185		-0.01	0.104	11	-1606.04	3234.476
	0.027	-0.252		-0.018	0.097	12	-1605.01	3234.476
		-0.125	0.017		0.107	12	-1605.01	3234.478
		-0.247	-0.024	-0.024	0.105	11	-1606.04	3234.479
		-0.281		-0.022	0.105	11	-1606.04	3234.48
	0.075	-0.135		-0.015	0.106	11	-1606.05	3234.482
	0.021	-0.249	-0.012	-0.019	0.105	11	-1606.05	3234.483
	0.04	-0.194			0.105	11	-1606.05	3234.484
	0.111				0.1	11	-1606.05	3234.484
0.025	0.023	-0.259	-0.006	-0.02	0.078	12	-1605.01	3234.484
-0.154	0.039	-0.173			0.211	12	-1605.01	3234.484
0.026		-0.226		-0.02	0.078	12	-1605.01	3234.484
	0.072				0.107	10	-1607.08	3234.485
			-0.013	-0.004	0.109	12	-1605.01	3234.486
				-0.005	0.102	12	-1605.01	3234.486
		-0.146	-0.063	-0.028	0.106	12	-1605.01	3234.487
	0.026	-0.243	-0.012	-0.019	0.105	11	-1606.05	3234.488
0.026	0.023	-0.255		-0.018	0.078	12	-1605.01	3234.488
0.025	0.025	-0.257	-0.006	-0.02	0.078	12	-1605.01	3234.489
		-0.146	-0.064	-0.028	0.106	12	-1605.01	3234.489
	-0.061	-0.187		-0.013	0.098	13	-1603.97	3234.49
			0.028		0.107	7	-1610.16	3234.492
0.025		-0.262	-0.017	-0.024	0.079	12	-1605.01	3234.492
0.023		-0.128		-0.011	0.082	13	-1603.98	3234.493
	0.089				0.106	11	-1606.05	3234.494
		-0.239	-0.027	-0.023	0.105	11	-1606.05	3234.494
	-0.014		-0.013		0.109	12	-1605.02	3234.495

0.026	0.027	-0.253		-0.018	0.078	12	-1605.02	3234.496
		-0.075		0	0.104	10	-1607.09	3234.496
0.025	0.026	-0.253	-0.006	-0.02	0.078	12	-1605.02	3234.497
		-0.174		-0.016	0.099	13	-1603.98	3234.497
0.026	0.027	-0.256		-0.018	0.078	12	-1605.02	3234.497
		-0.266	-0.017	-0.021	0.105	11	-1606.05	3234.498
0.025				0.001	0.08	11	-1606.05	3234.498
	0.038	-0.24		-0.017	0.105	11	-1606.05	3234.5
	0.029	-0.242		-0.016	0.105	11	-1606.06	3234.504
0.026	0.03	-0.247		-0.018	0.078	12	-1605.02	3234.507
0.023	-0.007	-0.124		-0.011	0.083	13	-1603.98	3234.507
				0.002	0.106	10	-1607.09	3234.508
	-0.03	-0.162			0.106	12	-1605.02	3234.508
		-0.233	0.011		0.096	12	-1605.02	3234.509
		-0.148	-0.064	-0.026	0.106	12	-1605.02	3234.51
0.022			-0.046		0.085	12	-1605.02	3234.512
		-0.129	-0.068	-0.024	0.106	12	-1605.02	3234.512
		-0.176			0.104	11	-1606.06	3234.513
		-0.097			0.105	10	-1607.09	3234.516
0.022	-0.009		-0.064		0.084	12	-1605.03	3234.52
		-0.143	-0.064	-0.025	0.106	12	-1605.03	3234.521
	0.033	-0.233		-0.014	0.105	11	-1606.07	3234.522
0.026	0.023	-0.243	-0.01	-0.02	0.078	12	-1605.03	3234.523
	-0.043	-0.158	-0.011		0.106	12	-1605.03	3234.523
	-0.032	-0.166	0.005		0.106	12	-1605.03	3234.525
		-0.225			0.098	12	-1605.03	3234.525
	0.025	-0.241		-0.015	0.105	11	-1606.07	3234.526
-0.709					0.621	13	-1603.99	3234.528
	-0.049		-0.021	-0.005	0.108	12	-1605.03	3234.529
	-0.008	-0.141	-0.074	-0.032	0.107	12	-1605.03	3234.529
	-0.036	-0.166			0.106	12	-1605.03	3234.529
0.026		-0.237	0.011		0.077	12	-1605.03	3234.529
0.023	-0.092			0.006	0.083	12	-1605.03	3234.531
0.023		-0.133		-0.011	0.083	13	-1604	3234.535
	-0.027	-0.161			0.106	12	-1605.04	3234.535
		-0.212		-0.017	0.105	11	-1606.07	3234.535
		-0.142	-0.06	-0.026	0.107	12	-1605.04	3234.536
0.023		-0.14	-0.001	-0.011	0.083	13	-1604	3234.536
		-0.15	-0.059	-0.024	0.106	12	-1605.04	3234.536
	0.033	-0.239		-0.015	0.105	11	-1606.07	3234.537
		-0.111		-0.01	0.105	11	-1606.07	3234.537
0.023		-0.139		-0.011	0.083	13	-1604	3234.537
	-0.027		-0.062		0.107	11	-1606.07	3234.538
		-0.267	-0.018	-0.023	0.097	12	-1605.04	3234.538
		-0.169	-0.001	-0.013	0.099	13	-1604	3234.539
		-0.143	-0.049	-0.026	0.099	13	-1604	3234.539
	-0.035	-0.165	-0.002		0.106	12	-1605.04	3234.541
-0.508			-0.011		0.472	11	-1606.07	3234.541

	0.021	-0.21			0.097	12	-1605.04	3234.543
		-0.14	-0.068	-0.03	0.107	12	-1605.04	3234.544
0.021				0.01	0.086	8	-1609.17	3234.544
-0.099		-0.21			0.169	12	-1605.04	3234.545
0.025	-0.061	-0.192		-0.013	0.079	13	-1604	3234.545
		-0.102		-0.008	0.105	11	-1606.08	3234.548
		-0.264	-0.033	-0.032	0.105	11	-1606.08	3234.548
	-0.006	-0.159	-0.069	-0.032	0.107	12	-1605.04	3234.548
0.026		-0.271	-0.018	-0.022	0.078	12	-1605.04	3234.549
0.022			-0.058		0.084	12	-1605.04	3234.55
	0.051			0.011	0.109	9	-1608.14	3234.551
	0.019	-0.227	-0.018	-0.019	0.105	11	-1606.08	3234.551
0.025		-0.256	-0.021	-0.026	0.079	12	-1605.04	3234.552
0.025		-0.229			0.079	12	-1605.04	3234.552
		-0.254		-0.016	0.096	12	-1605.04	3234.552
		-0.143	-0.061	-0.027	0.107	12	-1605.05	3234.556
-0.54					0.493	12	-1605.05	3234.557
				0.031	0.1	9	-1608.15	3234.561
	0.128			0.004	0.107	10	-1607.12	3234.564
	-0.077	-0.141	-0.012		0.106	12	-1605.05	3234.565
0.026		-0.258		-0.016	0.077	12	-1605.05	3234.567
0.025	0.019	-0.215			0.079	12	-1605.05	3234.569
0.025		-0.25	-0.023	-0.025	0.079	12	-1605.05	3234.57
	0.037	-0.198			0.098	12	-1605.05	3234.57
0.024	0.026	-0.207			0.08	12	-1605.05	3234.571
		-0.183		-0.02	0.1	13	-1604.01	3234.571
	0.134		0.005		0.107	10	-1607.12	3234.572
		-0.106		-0.01	0.097	12	-1605.05	3234.573
0.026	0.036	-0.166	0.004		0.078	12	-1605.06	3234.574
		-0.255	-0.035	-0.031	0.105	11	-1606.09	3234.577
		-0.144	-0.054	-0.027	0.099	13	-1604.02	3234.577
0.021	0.014				0.086	8	-1609.18	3234.577
		-0.272	-0.029	-0.034	0.098	12	-1605.06	3234.581
	0.011				0.108	12	-1605.06	3234.581
		-0.158	0.01		0.106	12	-1605.06	3234.583
	-0.046	-0.137			0.105	12	-1605.06	3234.586
		-0.174	-0.049	-0.025	0.106	12	-1605.06	3234.586
		-0.209		-0.012	0.104	11	-1606.1	3234.588
				0.002	0.108	12	-1605.06	3234.588
	-0.007	-0.165	0.017		0.107	12	-1605.06	3234.59
					0.099	9	-1608.16	3234.591
	0.134				0.099	11	-1606.1	3234.591
		-0.16	0.013		0.107	12	-1605.06	3234.591
					0.108	12	-1605.06	3234.593
		-0.24	-0.036	-0.029	0.105	11	-1606.1	3234.593
		-0.162	0.014		0.106	12	-1605.06	3234.593
0.023	0.111				0.083	11	-1606.1	3234.593
		-0.156			0.106	12	-1605.06	3234.594

	-0.026	-0.107			0.1	13	-1604.03	3234.596
-0.659		0.045	-0.06		0.585	13	-1604.03	3234.596
	0.009				0.108	12	-1605.07	3234.598
	0	-0.163	0.012		0.107	12	-1605.07	3234.598
0.025	0.036	-0.202			0.08	12	-1605.07	3234.599
0.025		-0.276	-0.029	-0.034	0.079	12	-1605.07	3234.6
-0.526			-0.061		0.486	13	-1604.03	3234.601
				0.005	0.107	12	-1605.07	3234.601
	0.006			0	0.108	12	-1605.07	3234.601
-0.512					0.475	11	-1606.11	3234.603
		-0.261	-0.026	-0.023	0.105	11	-1606.11	3234.603
0.025		-0.25	-0.031	-0.03	0.079	12	-1605.07	3234.604
0.022	-0.014		-0.045		0.084	12	-1605.07	3234.604
		-0.156	0		0.106	12	-1605.07	3234.605
	0.001	-0.123	-0.026	-0.011	0.105	11	-1606.11	3234.605
				0	0.108	12	-1605.07	3234.605
		-0.259		-0.016	0.104	11	-1606.11	3234.605
	0.032	-0.154	-0.005		0.105	11	-1606.11	3234.608
0.024		-0.189	0.014	-0.014	0.081	13	-1604.03	3234.608
				0	0.099	11	-1606.11	3234.611
-0.513					0.475	11	-1606.11	3234.611
		-0.225	0.003		0.104	11	-1606.11	3234.614
	0.001			0.004	0.107	12	-1605.08	3234.616
-0.515				0	0.477	11	-1606.11	3234.617
0.025		-0.264	-0.031	-0.033	0.079	12	-1605.08	3234.618
		-0.09			0.1	13	-1604.04	3234.62
0.022			-0.031	-0.005	0.084	12	-1605.08	3234.621
			0.03		0.107	7	-1610.23	3234.624
			-0.04		0.101	13	-1604.04	3234.624
0.02				-0.005	0.088	12	-1605.08	3234.626
				0.032	0.108	8	-1609.21	3234.626
					0.107	8	-1609.21	3234.628
0.021			-0.045		0.086	13	-1604.04	3234.63
0.024		-0.173	-0.039	-0.025	0.081	13	-1604.04	3234.632
			0.026		0.107	7	-1610.23	3234.632
	0.004	-0.15	-0.054	-0.03	0.099	13	-1604.04	3234.632
	-0.004	-0.16			0.107	12	-1605.08	3234.633
		-0.095			0.1	13	-1604.05	3234.633
-0.547	-0.008		-0.059		0.502	13	-1604.05	3234.635
0.024		-0.23		-0.023	0.08	13	-1604.05	3234.636
-0.402		-0.065			0.397	13	-1604.05	3234.636
0.023		-0.187		-0.02	0.083	13	-1604.05	3234.638
					0.097	10	-1607.16	3234.638
					0.107	7	-1610.24	3234.639
		-0.1		-0.006	0.097	12	-1605.09	3234.639
		-0.261		-0.018	0.095	12	-1605.09	3234.639
		-0.15	-0.059	-0.032	0.1	13	-1604.05	3234.639
					0.106	9	-1608.19	3234.643

-0.552			-0.055		0.506	13	-1604.05	3234.643
0.023	-0.043	-0.168	-0.077	-0.036	0.083	13	-1604.05	3234.643
	-0.008				0.107	12	-1605.09	3234.646
-0.556					0.506	12	-1605.09	3234.646
0.027		-0.265		-0.018	0.075	12	-1605.09	3234.649
-0.103		-0.236		-0.02	0.173	12	-1605.09	3234.65
		-0.161		-0.01	0.105	12	-1605.09	3234.652
-0.595	0.071				0.537	13	-1604.06	3234.653
		-0.136	-0.049		0.105	11	-1606.13	3234.654
	0.052	-0.133	-0.025		0.106	11	-1606.13	3234.656
		-0.172			0.104	11	-1606.13	3234.658
		-0.098	0.003		0.1	13	-1604.06	3234.66
	0.051				0.107	8	-1609.22	3234.661
0.026		-0.205		-0.021	0.078	12	-1605.1	3234.667
0.021	0.064		0.073		0.085	9	-1608.2	3234.667
0.023	-0.027	-0.112			0.083	13	-1604.06	3234.67
		-0.17		-0.013	0.097	13	-1604.07	3234.674
0.022		-0.061	-0.015		0.085	13	-1604.07	3234.677
		-0.102			0.105	11	-1606.14	3234.679
0.024		-0.161	-0.049	-0.025	0.082	13	-1604.07	3234.684
0.023	-0.027	-0.148	-0.079	-0.033	0.083	13	-1604.07	3234.685
-0.34		-0.09			0.348	11	-1606.15	3234.687
0.024	0.135				0.081	11	-1606.15	3234.689
	0.098			0.018	0.105	10	-1607.18	3234.693
0.023		-0.095			0.083	13	-1604.08	3234.695
		-0.131	-0.047		0.097	12	-1605.12	3234.696
				-0.009	0.106	9	-1608.22	3234.7
-0.322		-0.105			0.335	12	-1605.12	3234.7
		-0.102		-0.005	0.105	11	-1606.16	3234.702
		-0.073	-0.062		0.101	12	-1605.12	3234.704
0.022			-0.041		0.085	13	-1604.08	3234.706
0.022		-0.091			0.084	13	-1604.08	3234.707
0.022	-0.004	-0.093			0.084	13	-1604.08	3234.707
-0.079		-0.263	-0.029	-0.032	0.156	12	-1605.12	3234.709
		-0.098			0.097	12	-1605.12	3234.709
		-0.243		-0.014	0.104	11	-1606.16	3234.711
0.022	-0.003	-0.089			0.084	13	-1604.08	3234.712
0.022		-0.1	-0.001		0.084	13	-1604.09	3234.715
0.022	-0.009	-0.092	-0.002		0.084	13	-1604.09	3234.715
0.022		-0.1			0.084	13	-1604.09	3234.716
		-0.112	-0.017		0.106	12	-1605.13	3234.717
			-0.11	-0.018	0.108	12	-1605.13	3234.718
	0.023				0.108	7	-1610.28	3234.719
	0.064				0.1	12	-1605.13	3234.72
	-0.024			0.001	0.108	12	-1605.13	3234.722
	-0.052	-0.137			0.099	13	-1604.09	3234.725
	0.047			0.003	0.106	11	-1606.17	3234.725
					0.107	7	-1610.28	3234.728

			0.033	0.012	0.107	7	-1610.28	3234.73
				-0.01	0.098	10	-1607.2	3234.731
			0.033		0.099	8	-1609.26	3234.733
	-0.034	-0.157			0.099	13	-1604.1	3234.735
-0.485					0.453	11	-1606.17	3234.735
	0.029		-0.044		0.101	12	-1605.14	3234.737
0.022		-0.103	0.003		0.084	13	-1604.1	3234.737
	-0.042	-0.155	-0.005		0.099	13	-1604.1	3234.737
	-0.045	-0.139			0.098	13	-1604.1	3234.737
	-0.037	-0.156			0.099	13	-1604.1	3234.739
-0.53					0.488	11	-1606.17	3234.739
	0.089	-0.118		-0.007	0.106	11	-1606.17	3234.739
0.023		-0.155	-0.059	-0.032	0.083	13	-1604.1	3234.742
	0.076				0.099	12	-1605.14	3234.743
0.022			0.031	0.011	0.084	12	-1605.14	3234.744
		-0.193		-0.018	0.105	11	-1606.18	3234.746
	0.098	-0.115	0.033		0.099	12	-1605.14	3234.746
0.025		-0.176		-0.013	0.079	13	-1604.1	3234.749
					0.107	7	-1610.29	3234.749
0.024				0	0.081	11	-1606.18	3234.75
	0.073	-0.122			0.106	11	-1606.18	3234.75
-0.971				-0.034	0.816	14	-1603.06	3234.751
	0.05	-0.177			0.105	11	-1606.18	3234.754
	-0.036	-0.161	0.002		0.099	13	-1604.11	3234.754
	-0.038	-0.161			0.099	13	-1604.11	3234.755
		-0.14	-0.06	-0.027	0.099	13	-1604.11	3234.756
		-0.154	-0.05	-0.018	0.106	11	-1606.18	3234.756
		-0.142	-0.061	-0.025	0.099	13	-1604.11	3234.758
			-0.043	-0.005	0.107	11	-1606.18	3234.759
-0.787	-0.081		-0.116	-0.041	0.679	14	-1603.07	3234.76
	-0.038	-0.161	0.006		0.099	13	-1604.11	3234.766
	0.023		-0.045		0.101	12	-1605.15	3234.767
0.021			-0.035	-0.002	0.086	13	-1604.11	3234.771
		-0.144		-0.026	0.1	13	-1604.11	3234.772
0.027		-0.171		-0.019	0.077	12	-1605.15	3234.773
		-0.103		-0.005	0.097	12	-1605.15	3234.773
	0.042			0.009	0.106	10	-1607.22	3234.775
	0.021	-0.156	-0.001		0.106	12	-1605.16	3234.775
-0.024		-0.26		-0.017	0.113	12	-1605.16	3234.775
	0.095	-0.112	0.009		0.106	11	-1606.19	3234.777
0.021	0		-0.033		0.086	13	-1604.12	3234.777
		-0.141	-0.058	-0.028	0.099	13	-1604.12	3234.779
			0.028		0.107	7	-1610.31	3234.784
					0.107	7	-1610.31	3234.786
			-0.053		0.101	12	-1605.16	3234.789
	-0.066	-0.148	-0.004		0.099	13	-1604.12	3234.79
0.023	-0.052	-0.142			0.083	13	-1604.12	3234.792
0.022		-0.079	-0.061		0.086	12	-1605.16	3234.793

	0.061	-0.076	0.036	0.016	0.107	10	-1607.24	3234.797
-0.819		0.05	-0.079	-0.028	0.703	14	-1603.09	3234.8
0.021					0.085	9	-1608.27	3234.8
		-0.157	-0.051	-0.025	0.099	13	-1604.13	3234.803
	-0.04		-0.032		0.109	10	-1607.24	3234.803
-0.621	0.045			-0.008	0.554	13	-1604.13	3234.804
-0.594			-0.048		0.537	13	-1604.13	3234.806
-0.125	0.041	-0.191	0.011		0.189	12	-1605.17	3234.807
	-0.009	-0.071	-0.038		0.107	12	-1605.17	3234.807
0.024	-0.046	-0.143			0.081	13	-1604.13	3234.808
					0.099	9	-1608.27	3234.808
			0.009		0.107	8	-1609.3	3234.809
-0.695	0.022	0.054	-0.051		0.612	13	-1604.13	3234.811
	0.067	-0.129		-0.015	0.099	12	-1605.18	3234.814
					0.107	7	-1610.33	3234.815
	0.04	-0.194			0.106	11	-1606.21	3234.816
	0.037	-0.2	0.002		0.105	11	-1606.21	3234.817
0.025	0.1			0.017	0.079	11	-1606.21	3234.818
0.025	0.053	-0.177			0.079	12	-1605.18	3234.82
		-0.119			0.1	13	-1604.14	3234.821
	0.026	-0.205			0.105	11	-1606.22	3234.827
	0.031	-0.204	0.002		0.105	11	-1606.22	3234.828
-0.718	-0.01		-0.086	-0.035	0.629	14	-1603.1	3234.828
		-0.152	0.005		0.099	13	-1604.14	3234.828
-0.673		0.039	-0.055		0.595	13	-1604.14	3234.829
	0.013	-0.215			0.097	12	-1605.18	3234.833
	0.062				0.1	11	-1606.22	3234.833
	0.036	-0.202	0.003		0.105	11	-1606.22	3234.834
	0.046	-0.199	0.003		0.105	11	-1606.22	3234.834
					0.107	7	-1610.33	3234.834
		-0.151			0.099	13	-1604.15	3234.835
	0.108				0.1	11	-1606.22	3234.835
	0.049	-0.198	0.005		0.105	11	-1606.22	3234.835
0.022	-0.016	-0.115			0.084	13	-1604.15	3234.835
	0.047	-0.195			0.105	11	-1606.22	3234.838
			0.032		0.107	7	-1610.34	3234.839
-0.692			-0.066	-0.027	0.609	14	-1603.11	3234.841
-0.097	0.027	-0.198			0.169	12	-1605.19	3234.841
		-0.138	0.02		0.099	13	-1604.15	3234.842
	0.04	-0.205	0.005		0.105	11	-1606.23	3234.843
-0.572	0.035		-0.039		0.521	13	-1604.15	3234.843
0.025				-0.01	0.08	10	-1607.26	3234.844
0.024		-0.163	-0.054	-0.026	0.081	13	-1604.15	3234.845
		-0.157	0.012		0.099	13	-1604.15	3234.845
				0.004	0.107	7	-1610.34	3234.846
-0.484			-0.018		0.454	11	-1606.23	3234.847
-0.127	0.028	-0.187			0.191	12	-1605.19	3234.848
		-0.151	0.012		0.099	13	-1604.15	3234.848

	0.033	-0.214	0.008		0.097	12	-1605.19	3234.848
0.024	-0.066	-0.152	-0.004		0.081	13	-1604.15	3234.849
-0.069		-0.208			0.147	12	-1605.19	3234.849
0.026				-0.009	0.078	11	-1606.23	3234.851
0.026	0.013	-0.219			0.078	12	-1605.19	3234.851
		-0.217	-0.004		0.097	12	-1605.19	3234.853
-0.56				-0.003	0.508	12	-1605.19	3234.853
0.023		-0.148	-0.06	-0.025	0.082	13	-1604.16	3234.854
0.024		-0.187	-0.044	-0.027	0.081	13	-1604.16	3234.854
-0.58	0.009		-0.045		0.527	13	-1604.16	3234.856
-0.707	-0.05		-0.113	-0.037	0.62	14	-1603.11	3234.857
		-0.162	-0.051	-0.027	0.099	13	-1604.16	3234.857
				-0.001	0.108	8	-1609.32	3234.86
		-0.107		-0.004	0.105	11	-1606.23	3234.861
	0.038	-0.209	0.01		0.097	12	-1605.2	3234.862
0.023	-0.016	-0.131	0.014		0.083	13	-1604.16	3234.863
	0.036	-0.214	0.011		0.097	12	-1605.2	3234.863
-0.713			-0.077	-0.032	0.625	14	-1603.12	3234.864
		-0.217			0.097	12	-1605.2	3234.865
	0.034	-0.206			0.097	12	-1605.2	3234.865
0.026		-0.221	-0.004		0.078	12	-1605.2	3234.868
	0.046			0.001	0.099	12	-1605.2	3234.868
-0.121	0.032	-0.19			0.187	12	-1605.2	3234.87
0.026	0.032	-0.218	0.007		0.078	12	-1605.2	3234.87
		-0.209	-0.01		0.105	11	-1606.24	3234.872
-0.705			-0.074	-0.03	0.619	14	-1603.12	3234.877
0.022	0.064				0.084	12	-1605.21	3234.879
0.026		-0.221			0.077	12	-1605.21	3234.88
0.021	0.029		-0.044		0.085	12	-1605.21	3234.883
0.025	0.05	-0.203	0.009		0.079	12	-1605.21	3234.884
0.023		-0.132	0.01		0.083	13	-1604.17	3234.885
0.025	0.033	-0.211			0.078	12	-1605.21	3234.886
	0.038		0.001		0.106	10	-1607.28	3234.887
0.025	0.034	-0.219	0.01		0.079	12	-1605.21	3234.888
	-0.002	-0.154	-0.063	-0.032	0.1	13	-1604.17	3234.888
		-0.155	-0.061	-0.031	0.1	13	-1604.17	3234.888
0.025	0.038	-0.213	0.01		0.079	12	-1605.21	3234.889
	0.075		-0.025		0.105	10	-1607.28	3234.889
	-0.003	-0.156	-0.063	-0.032	0.1	13	-1604.17	3234.889
-0.513			-0.012		0.476	11	-1606.25	3234.891
-0.506	0.048	-0.033			0.47	13	-1604.17	3234.891
	0.128		0.01		0.1	11	-1606.25	3234.892
0.025	0.042	-0.209	0.01		0.079	12	-1605.21	3234.893
0.023	0.077				0.083	12	-1605.22	3234.895
				-0.009	0.105	10	-1607.28	3234.896
		-0.082		-0.005	0.096	12	-1605.22	3234.896
0.023		-0.162	-0.05	-0.025	0.082	13	-1604.18	3234.897
	0.078	-0.122			0.106	11	-1606.25	3234.897

0.025	0.042	-0.21	0.01		0.079	12	-1605.22	3234.899
	0.023	-0.211			0.098	12	-1605.22	3234.903
-0.573	0.062				0.52	13	-1604.18	3234.906
0.028		-0.141		-0.022	0.075	12	-1605.22	3234.907
0.023		-0.124			0.083	13	-1604.18	3234.907
	0.064				0.105	10	-1607.29	3234.911
	0.036			0.011	0.106	10	-1607.29	3234.911
0.021	0.024		-0.045		0.086	12	-1605.22	3234.912
				0.006	0.108	7	-1610.38	3234.915
-0.507	-0.109		-0.013		0.472	13	-1604.19	3234.917
0.023		-0.143	0.02		0.083	13	-1604.19	3234.917
					0.1	8	-1609.35	3234.918
-0.089		-0.212			0.163	12	-1605.23	3234.919
	0.117			0.002	0.1	11	-1606.27	3234.925
0.025	0.021	-0.216			0.079	12	-1605.23	3234.927
-0.601				-0.009	0.54	12	-1605.23	3234.932
			-0.103		0.107	12	-1605.23	3234.932
					0.108	8	-1609.36	3234.932
0.021			-0.053		0.085	12	-1605.24	3234.937
		-0.216	-0.006		0.105	11	-1606.27	3234.938
-0.071		-0.226	0.005		0.149	12	-1605.24	3234.939
-0.062		-0.223			0.143	12	-1605.24	3234.939
	0.082	-0.116		-0.008	0.098	12	-1605.24	3234.939
					0.107	11	-1606.27	3234.939
		-0.253		-0.017	0.104	11	-1606.27	3234.939
		-0.23	0.003		0.097	12	-1605.24	3234.94
0.022	0.109				0.084	11	-1606.28	3234.942
		-0.218			0.105	11	-1606.28	3234.945
	-0.047		-0.032		0.108	12	-1605.24	3234.945
	0.004				0.108	7	-1610.39	3234.945
		-0.234	0.003		0.097	12	-1605.24	3234.95
	0.093	-0.108	0.014		0.098	12	-1605.24	3234.951
		-0.162			0.098	11	-1606.28	3234.952
0.023		-0.168	-0.05	-0.027	0.082	13	-1604.2	3234.952
		-0.156			0.106	10	-1607.31	3234.952
		-0.217	-0.009		0.096	12	-1605.24	3234.953
0.023	0.062				0.083	11	-1606.28	3234.953
-0.52					0.481	11	-1606.28	3234.953
-0.524				0	0.483	11	-1606.28	3234.954
		-0.127	-0.007		0.099	13	-1604.21	3234.955
	0.041			0.007	0.099	11	-1606.28	3234.958
0.026		-0.235	0.004		0.078	12	-1605.25	3234.958
	-0.067		-0.046		0.108	12	-1605.25	3234.959
		-0.154		-0.016	0.105	11	-1606.29	3234.963
0.026		-0.238	0.002		0.078	12	-1605.25	3234.964
0.026		-0.221	-0.009		0.077	12	-1605.25	3234.965
	0.069				0.107	9	-1608.35	3234.966
		-0.134		-0.021	0.106	11	-1606.29	3234.967

			-0.1		0.106	11	-1606.29	3234.974
	0.064	-0.115		0.003	0.105	11	-1606.29	3234.978
	0.028			0.004	0.106	11	-1606.29	3234.981
	0.072	-0.117			0.098	12	-1605.26	3234.982
0.023		-0.161	-0.061	-0.031	0.083	13	-1604.22	3234.987
	0.077	-0.129		-0.007	0.106	11	-1606.3	3234.987
	0.038			0.005	0.106	11	-1606.3	3234.987
0.023	-0.003	-0.161	-0.062	-0.032	0.083	13	-1604.22	3234.987
	0.066		-0.069		0.107	11	-1606.3	3234.991
	0.079		0.068	0.032	0.107	9	-1608.36	3234.995
-0.177		-0.162			0.228	11	-1606.3	3234.996
0.025		-0.168			0.08	11	-1606.3	3234.997
	0.042		0.008		0.098	11	-1606.3	3234.999
					0.105	9	-1608.37	3235.001
0.023	0.129		0.01		0.083	11	-1606.3	3235.002
-0.523	-0.093			-0.001	0.483	13	-1604.23	3235.002
		-0.229	-0.003		0.105	11	-1606.31	3235.004
-0.84		0.132	-0.083		0.721	13	-1604.23	3235.005
-0.043		-0.215			0.128	12	-1605.27	3235.006
	0.029			0.01	0.106	10	-1607.34	3235.006
	0.024				0.106	11	-1606.31	3235.006
	0.022	-0.219	-0.024	-0.024	0.106	12	-1605.27	3235.011
-0.539			-0.031	-0.014	0.495	11	-1606.31	3235.015
0.023	0.046			0.001	0.082	12	-1605.28	3235.027
				0.007	0.108	7	-1610.43	3235.028
0.022	0.117			0.003	0.084	11	-1606.32	3235.03
-0.869	-0.02	0.062	-0.105	-0.036	0.741	14	-1603.2	3235.031
	0.073	-0.115			0.099	12	-1605.28	3235.032
-0.476				0.003	0.447	11	-1606.32	3235.034
0.024		-0.133	-0.006		0.081	13	-1604.25	3235.037
	-0.004			0.009	0.107	10	-1607.36	3235.037
			-0.015		0.102	13	-1604.25	3235.037
			0.059		0.098	9	-1608.39	3235.042
		-0.209	-0.016		0.105	11	-1606.33	3235.043
-0.037		-0.217	-0.009		0.124	12	-1605.29	3235.043
0.025	0.079		-0.02		0.08	11	-1606.33	3235.044
-0.857		0.059	-0.094	-0.033	0.731	14	-1603.21	3235.047
	-0.082	-0.382		-0.046	0.105	12	-1605.29	3235.048
			-0.001	0.011	0.108	10	-1607.37	3235.057
0.025	0.07				0.08	11	-1606.33	3235.057
	0.069	-0.128	-0.003		0.106	11	-1606.33	3235.058
					0.108	7	-1610.45	3235.059
				0.003	0.101	13	-1604.26	3235.059
	0.007				0.101	13	-1604.26	3235.068
	0.032		0.002		0.106	10	-1607.37	3235.069
0.024	0.041			0.008	0.082	11	-1606.34	3235.069
					0.108	7	-1610.45	3235.072
					0.101	13	-1604.27	3235.073

	-0.001				0.108	7	-1610.45	3235.073
			0.004	0.005	0.107	12	-1605.31	3235.081
					0.1	9	-1608.41	3235.083
-0.728		0.076	-0.067		0.637	13	-1604.27	3235.09
-0.726			-0.082	-0.032	0.635	14	-1603.23	3235.093
				0	0.106	11	-1606.35	3235.095
	0.073		0.043	0.021	0.106	10	-1607.39	3235.1
-0.657				-0.017	0.584	14	-1603.24	3235.101
				0.005	0.108	7	-1610.47	3235.105
	0.064		0.035		0.107	10	-1607.39	3235.111
-0.17		-0.187		-0.012	0.222	13	-1604.29	3235.112
	-0.027		-0.111	-0.024	0.107	12	-1605.32	3235.113
0.022	-0.025		-0.055		0.085	12	-1605.32	3235.113
	0.104				0.106	11	-1606.36	3235.115
-0.137		-0.179	-0.008		0.199	12	-1605.33	3235.116
-0.216		-0.148	0.017		0.256	13	-1604.29	3235.117
	0.088	-0.123	-0.006	-0.008	0.106	11	-1606.36	3235.118
-0.725	-0.01		-0.093	-0.036	0.634	14	-1603.25	3235.118
	0.066	-0.135		-0.016	0.106	12	-1605.33	3235.118
	0.007				0.108	7	-1610.48	3235.118
-0.712			-0.084	-0.032	0.624	14	-1603.25	3235.12
-0.48			-0.034		0.452	11	-1606.36	3235.12
					0.1	8	-1609.45	3235.12
				-0.007	0.108	12	-1605.33	3235.121
0.024	0.041		0.008		0.081	11	-1606.36	3235.122
			-0.007	-0.003	0.102	13	-1604.29	3235.126
	-0.015		-0.008		0.102	13	-1604.29	3235.127
	0.095	-0.119		-0.006	0.106	11	-1606.37	3235.127
		-0.147	-0.035	-0.016	0.106	11	-1606.37	3235.13
	0.018				0.108	8	-1609.46	3235.13
	0.029		0.006		0.106	10	-1607.4	3235.131
			-0.096		0.098	12	-1605.33	3235.132
	0.101				0.107	11	-1606.37	3235.133
		-0.082		-0.004	0.104	11	-1606.37	3235.139
				-0.001	0.101	13	-1604.3	3235.14
					0.107	9	-1608.44	3235.14
		-0.274		-0.027	0.104	12	-1605.34	3235.142
	0.002				0.101	13	-1604.3	3235.143
			-0.014		0.108	12	-1605.34	3235.147
					0.1	8	-1609.47	3235.153
0.025		-0.282		-0.029	0.078	13	-1604.31	3235.156
	-0.019	-0.116		-0.014	0.105	12	-1605.35	3235.159
		-0.207	0.01	-0.01	0.097	13	-1604.31	3235.159
				0.026	0.097	10	-1607.42	3235.16
-0.415		-0.086			0.402	13	-1604.31	3235.16
			-0.099	-0.021	0.107	12	-1605.35	3235.16
	-0.003			-0.001	0.102	13	-1604.31	3235.161
	-0.02				0.108	12	-1605.35	3235.163

0.024			-0.097		0.08	12	-1605.35	3235.165
	0.094	-0.114	-0.002		0.106	11	-1606.39	3235.166
0.02			-0.015		0.087	13	-1604.31	3235.167
	0.096			0.001	0.107	11	-1606.39	3235.167
0.022				0.004	0.085	13	-1604.31	3235.168
0.022	0.007			0.004	0.085	13	-1604.31	3235.168
		-0.308	0.038	-0.022	0.105	12	-1605.35	3235.169
		-0.2	0.006	-0.008	0.105	12	-1605.36	3235.175
0.022				0.003	0.085	13	-1604.32	3235.175
			-0.058	-0.014	0.107	12	-1605.36	3235.182
		-0.176	-0.02		0.106	11	-1606.4	3235.183
	0.078		0.083	0.024	0.107	8	-1609.49	3235.183
	-0.045		-0.107	-0.026	0.108	12	-1605.36	3235.186
	0.034	-0.1	-0.006	-0.003	0.105	11	-1606.4	3235.186
-0.832		0.056	-0.089	-0.03	0.714	14	-1603.28	3235.186
0.024	0.033			0.01	0.081	11	-1606.4	3235.188
0.022	0.008				0.085	13	-1604.32	3235.188
0.02	-0.038		-0.022		0.087	13	-1604.32	3235.189
					0.099	12	-1605.36	3235.192
0.025		-0.316	0.042	-0.023	0.078	13	-1604.33	3235.192
			-0.103	-0.019	0.107	12	-1605.36	3235.193
0.022					0.085	13	-1604.33	3235.193
	-0.018	-0.217	-0.049	-0.029	0.107	12	-1605.37	3235.194
	0.029		-0.085		0.107	12	-1605.37	3235.198
0.025		-0.212	0.01	-0.01	0.078	13	-1604.33	3235.2
0.022	-0.001				0.085	13	-1604.33	3235.202
0.02	-0.067		-0.072	-0.021	0.087	13	-1604.33	3235.202
	0.07	-0.127		-0.008	0.099	12	-1605.37	3235.204
	0.007				0.1	8	-1609.5	3235.204
				0.003	0.1	8	-1609.5	3235.206
	0.01			0.009	0.108	7	-1610.52	3235.207
	-0.057		-0.115	-0.027	0.108	12	-1605.37	3235.207
					0.108	8	-1609.5	3235.211
-0.676			-0.084	-0.029	0.597	14	-1603.29	3235.213
				0.006	0.108	8	-1609.5	3235.214
	-0.057		-0.117	-0.027	0.108	12	-1605.38	3235.218
0.024	-0.077	-0.383		-0.046	0.08	13	-1604.34	3235.218
				0.008	0.108	7	-1610.53	3235.22
	-0.044			-0.002	0.108	12	-1605.38	3235.228
0.025	0.028	-0.154		-0.013	0.078	13	-1604.34	3235.23
-0.799		0.04	-0.081	-0.028	0.689	14	-1603.3	3235.232
0.023	-0.001	-0.091	-0.026		0.083	13	-1604.35	3235.234
	0.033	-0.137		-0.01	0.105	12	-1605.39	3235.24
		-0.209		-0.016	0.096	13	-1604.35	3235.24
			-0.009		0.108	8	-1609.51	3235.24
0.02	-0.015		-0.009		0.087	13	-1604.35	3235.247
0.02			-0.008	-0.003	0.087	13	-1604.35	3235.248
0.024	0.035			0.004	0.081	12	-1605.39	3235.251

			0.057		0.107	8	-1609.52	3235.252
			-0.099		0.099	13	-1604.35	3235.252
			0.018	0.016	0.106	11	-1606.43	3235.255
-0.249		-0.202		-0.033	0.28	12	-1605.4	3235.261
0.021				-0.001	0.086	13	-1604.36	3235.27
		-0.12		-0.02	0.104	11	-1606.44	3235.271
	0.081				0.107	11	-1606.44	3235.272
0.021	0.002				0.086	13	-1604.36	3235.272
0.02	-0.046		-0.015	-0.004	0.087	13	-1604.37	3235.274
	0.04	-0.096	-0.004		0.105	11	-1606.44	3235.275
0.024	0.023			0.002	0.081	12	-1605.41	3235.276
0.024	0.03				0.081	12	-1605.41	3235.276
	0.041	-0.094		0.001	0.105	11	-1606.44	3235.278
	0.003				0.108	7	-1610.56	3235.279
	0.035	-0.096	-0.002	0	0.105	11	-1606.44	3235.279
0.024	0.025	-0.23	-0.015	-0.024	0.081	13	-1604.37	3235.28
	0.034	-0.095	-0.001	0	0.105	11	-1606.45	3235.284
0.022			-0.038	-0.005	0.084	12	-1605.41	3235.285
0.021	-0.002			-0.001	0.087	13	-1604.37	3235.287
0.022			-0.106	-0.018	0.085	13	-1604.37	3235.289
0.024	0.07		-0.063		0.082	12	-1605.41	3235.294
0.024	0.033		0.007		0.08	11	-1606.45	3235.297
0.017	0.051				0.091	10	-1607.49	3235.297
	0.096				0.099	12	-1605.42	3235.298
		-0.252		-0.036	0.096	12	-1605.42	3235.299
	0.037	-0.097	0	-0.002	0.097	12	-1605.42	3235.3
	-0.004		-0.081	-0.024	0.108	12	-1605.42	3235.3
					0.097	10	-1607.49	3235.301
		-0.113	0.019		0.106	11	-1606.45	3235.301
	0.101				0.107	9	-1608.52	3235.305
	0.069	-0.123	0.002		0.099	12	-1605.42	3235.305
0.026		-0.215		-0.016	0.077	13	-1604.38	3235.306
			-0.075	-0.021	0.108	12	-1605.42	3235.307
			-0.078	-0.022	0.108	12	-1605.42	3235.307
					0.107	8	-1609.55	3235.311
	0.037	-0.178		-0.015	0.097	13	-1604.39	3235.313
	0.093	-0.112		-0.005	0.098	12	-1605.42	3235.314
	0.009	-0.123	-0.021		0.106	12	-1605.43	3235.319
-0.647				-0.008	0.572	13	-1604.39	3235.32
		-0.126		-0.019	0.099	12	-1605.43	3235.321
0.023	0.024			0.009	0.082	11	-1606.47	3235.326
		-0.123	-0.025		0.106	12	-1605.43	3235.327
			-0.028		0.107	10	-1607.5	3235.328
	0.007	-0.122	-0.028		0.106	12	-1605.43	3235.332
		-0.134	-0.017		0.106	12	-1605.43	3235.332
	0.015	-0.11	-0.029		0.106	12	-1605.43	3235.333
		-0.295		-0.034	0.106	12	-1605.43	3235.334
		-0.118	-0.032		0.106	12	-1605.44	3235.335

	0.059	-0.129		-0.016	0.099	13	-1604.4	3235.336
0.023			-0.1		0.083	13	-1604.4	3235.336
					0.097	11	-1606.47	3235.337
	0.077		0.085		0.107	8	-1609.56	3235.338
0.027		-0.258		-0.036	0.077	12	-1605.44	3235.341
	0.039	-0.168		-0.012	0.105	12	-1605.44	3235.341
	0.039	-0.168		-0.012	0.105	12	-1605.44	3235.343
	0.039	-0.179		-0.013	0.105	12	-1605.44	3235.343
	0.093	-0.108	0		0.098	12	-1605.44	3235.345
	0.086	-0.119	-0.001	-0.008	0.099	12	-1605.44	3235.346
0.025		-0.205	-0.005		0.08	12	-1605.44	3235.349
	0.006	-0.158			0.106	12	-1605.44	3235.354
-0.392	0.038	-0.107		-0.012	0.386	13	-1604.41	3235.355
	0.019	-0.101	-0.034		0.106	12	-1605.45	3235.355
	-0.052				0.097	10	-1607.52	3235.357
	0.048			0.008	0.107	10	-1607.52	3235.359
0.021	-0.026			0	0.086	13	-1604.41	3235.359
		-0.159			0.106	12	-1605.45	3235.36
		-0.133	-0.025	-0.012	0.106	11	-1606.49	3235.363
0.023					0.083	12	-1605.45	3235.364
0.025	0.034	-0.181		-0.015	0.079	13	-1604.41	3235.37
0.027		-0.202		-0.031	0.076	12	-1605.45	3235.37
			0.033	0.03	0.097	10	-1607.52	3235.372
0.022			0.016		0.084	9	-1608.55	3235.375
	0.027	-0.124			0.106	12	-1605.46	3235.376
	0.033	-0.103	-0.025		0.106	12	-1605.46	3235.378
0.024	0.03		0.012		0.081	11	-1606.49	3235.378
	0.019	-0.122	-0.03		0.106	12	-1605.46	3235.378
		-0.098	-0.047		0.106	12	-1605.46	3235.379
	-0.014	-0.132	-0.027	-0.009	0.106	11	-1606.49	3235.38
	0.09				0.099	12	-1605.46	3235.382
	0.062			0.003	0.106	11	-1606.5	3235.387
	0.048	-0.123		-0.008	0.106	11	-1606.5	3235.388
0.025	0.037	-0.183		-0.015	0.079	13	-1604.42	3235.388
	0.066		0.073		0.107	8	-1609.59	3235.39
		0	-0.091		0.108	12	-1605.46	3235.391
					0.108	8	-1609.59	3235.394
		-0.141	-0.029	-0.016	0.099	12	-1605.47	3235.396
	0.03			0.011	0.106	10	-1607.54	3235.397
				0.005	0.106	10	-1607.54	3235.4
0.025	0.036	-0.19		-0.016	0.079	13	-1604.43	3235.402
					0.105	10	-1607.54	3235.403
	0.053	-0.123	-0.006	-0.01	0.106	11	-1606.51	3235.407
			0.023	0.015	0.098	12	-1605.47	3235.407
					0.106	10	-1607.54	3235.41
	0.037		0.001	0.011	0.106	10	-1607.54	3235.41
				0.003	0.105	11	-1606.51	3235.411
0.023				-0.001	0.082	12	-1605.47	3235.414

	0.067		0.084		0.099	9	-1608.57	3235.415
			-0.01		0.106	10	-1607.55	3235.418
				0.001	0.098	12	-1605.48	3235.419
	0.049				0.107	10	-1607.55	3235.421
	0.052		0.001		0.107	10	-1607.55	3235.421
				0.008	0.106	10	-1607.55	3235.421
-0.48	0.1				0.452	12	-1605.48	3235.421
	-0.012	-0.127	-0.027	-0.009	0.106	11	-1606.51	3235.421
	-0.01	-0.125	-0.027	-0.009	0.106	11	-1606.51	3235.421
	-0.054			-0.004	0.108	12	-1605.48	3235.427
		-0.202		-0.014	0.104	12	-1605.48	3235.43
			-0.016		0.106	10	-1607.55	3235.432
		-0.126	-0.05		0.106	12	-1605.48	3235.432
			-0.019	0.002	0.106	10	-1607.55	3235.432
0.024	0.097				0.082	12	-1605.49	3235.437
-0.113		-0.262		-0.035	0.179	12	-1605.49	3235.44
0.023	0.079		0.055	0.023	0.082	11	-1606.52	3235.441
0.025					0.079	11	-1606.53	3235.442
	-0.07		-0.005	-0.004	0.108	12	-1605.49	3235.446
	0.085			0	0.1	12	-1605.49	3235.446
	0.032	-0.119	-0.006		0.106	11	-1606.53	3235.447
		-0.088	-0.057		0.106	12	-1605.5	3235.455
	-0.05		0.003		0.108	12	-1605.5	3235.458
	0.068			0.011	0.105	11	-1606.53	3235.458
	-0.063		-0.038		0.101	13	-1604.46	3235.458
		-0.102	-0.009	-0.006	0.105	11	-1606.53	3235.46
				0.028	0.105	9	-1608.6	3235.46
				0.008	0.106	10	-1607.57	3235.462
	-0.061		-0.095	-0.025	0.108	12	-1605.5	3235.462
	0.019			0.013	0.106	10	-1607.57	3235.466
				0.022	0.098	10	-1607.57	3235.474
	-0.023	-0.123	-0.053		0.106	12	-1605.51	3235.48
-0.625	0.063			-0.007	0.557	13	-1604.47	3235.481
	-0.01	-0.102	-0.053		0.106	12	-1605.51	3235.485
			-0.026		0.106	10	-1607.58	3235.486
			-0.014	0.008	0.106	10	-1607.58	3235.486
-0.472	0.06	-0.051			0.445	13	-1604.47	3235.487
	0.022	-0.077	-0.051		0.106	12	-1605.51	3235.487
	0.056	-0.116		-0.008	0.105	12	-1605.51	3235.489
	0.057	-0.098	-0.019	0	0.105	11	-1606.55	3235.492
	0.053			0.002	0.107	11	-1606.55	3235.493
	0.133				0.109	8	-1609.64	3235.493
-0.598	0.078				0.539	13	-1604.48	3235.494
-0.312		-0.158		-0.014	0.326	13	-1604.48	3235.496
			-0.016	0.006	0.107	10	-1607.59	3235.497
	0.07				0.099	12	-1605.52	3235.498
	-0.002	-0.12	-0.048		0.106	12	-1605.52	3235.499
		-0.106	-0.046		0.106	12	-1605.52	3235.5

-0.537	0.069				0.495	12	-1605.52	3235.501
	0.014		-0.013		0.106	10	-1607.59	3235.503
	0.028		0	0.013	0.106	10	-1607.59	3235.515
			-0.03	-0.001	0.106	10	-1607.6	3235.517
	0.062			0.001	0.099	12	-1605.53	3235.521
-0.561				-0.018	0.51	11	-1606.57	3235.523
0.021				0.001	0.086	9	-1608.63	3235.531
0.023	0.091				0.083	12	-1605.53	3235.531
0.024			0.023	0.015	0.081	12	-1605.53	3235.532
		-0.244		-0.034	0.105	11	-1606.57	3235.533
0.018	0.052			0.01	0.09	10	-1607.6	3235.534
			-0.019		0.106	10	-1607.6	3235.535
0.022	0.085		0.08	0.035	0.084	10	-1607.61	3235.536
		-0.137	-0.02		0.098	13	-1604.5	3235.537
	0.057	-0.122			0.106	12	-1605.54	3235.537
		-0.295		-0.033	0.098	13	-1604.5	3235.54
		-0.164			0.098	13	-1604.5	3235.544
				0.007	0.098	11	-1606.58	3235.547
			-0.082	-0.02	0.108	12	-1605.54	3235.548
			-0.031	-0.003	0.107	12	-1605.54	3235.549
	0.048	-0.114		-0.01	0.098	13	-1604.5	3235.552
	0.006	-0.118	-0.023		0.099	13	-1604.51	3235.554
		-0.117	-0.027		0.099	13	-1604.51	3235.556
-0.502			-0.019		0.47	14	-1603.47	3235.558
-0.58	0.075				0.525	13	-1604.51	3235.559
0.02	-0.039		-0.023		0.087	11	-1606.58	3235.56
		-0.122	-0.048		0.098	13	-1604.51	3235.561
	0.01	-0.096	-0.045		0.106	12	-1605.55	3235.565
			-0.008		0.098	11	-1606.59	3235.567
0.023	-0.01	-0.233	-0.037	-0.029	0.082	13	-1604.51	3235.569
					0.098	11	-1606.59	3235.569
	0.04		0.008	0.011	0.099	11	-1606.59	3235.574
	0.01	-0.116	-0.031		0.098	13	-1604.52	3235.575
0.024		-0.298		-0.032	0.081	13	-1604.52	3235.578
			-0.093	-0.02	0.1	13	-1604.52	3235.578
0.024				0.001	0.08	12	-1605.56	3235.58
	-0.039			0.026	0.097	10	-1607.63	3235.58
	0.029			0.009	0.099	11	-1606.6	3235.583
		-0.115	-0.038		0.098	13	-1604.52	3235.583
		-0.106	0.017		0.098	12	-1605.56	3235.584
		-0.109	-0.03	-0.012	0.105	11	-1606.6	3235.584
	-0.004		-0.018		0.106	10	-1607.63	3235.584
	0.062		0.076		0.107	8	-1609.69	3235.584
	-0.025		-0.095	-0.026	0.108	12	-1605.56	3235.586
				0.012	0.106	10	-1607.63	3235.589
	0.038			0.008	0.099	11	-1606.6	3235.59
0.023	0.086			0	0.083	12	-1605.56	3235.592
0.024				0.007	0.081	11	-1606.6	3235.593

	-0.009		-0.09	-0.025	0.108	12	-1605.56	3235.593
-0.639	0.057			-0.009	0.569	13	-1604.53	3235.594
-0.595	0.071			-0.006	0.536	13	-1604.53	3235.595
	0.026	-0.126	-0.035		0.106	12	-1605.57	3235.598
		-0.125	-0.02	-0.011	0.098	12	-1605.57	3235.598
			-0.019		0.098	11	-1606.6	3235.601
0.021	-0.064		-0.038		0.086	13	-1604.53	3235.603
	0.133				0.101	9	-1608.67	3235.604
-0.45	0.053	-0.056			0.429	13	-1604.53	3235.605
	0.04	-0.138			0.105	12	-1605.57	3235.605
			-0.085	-0.024	0.108	12	-1605.57	3235.608
			0.019	-0.002	0.108	12	-1605.57	3235.611
-0.441	0.046	-0.063			0.423	13	-1604.53	3235.611
0.025	0.069			0.01	0.08	12	-1605.57	3235.614
	0.066		0.081		0.107	8	-1609.7	3235.616
-0.524				-0.007	0.485	14	-1603.5	3235.618
0.024		-0.143	-0.02		0.081	13	-1604.54	3235.619
	-0.005	-0.121	-0.021	-0.009	0.098	12	-1605.58	3235.62
	0.037	-0.118		-0.007	0.098	12	-1605.58	3235.621
0.024		-0.169			0.081	13	-1604.54	3235.625
				0.008	0.106	10	-1607.65	3235.625
			0.031	0.031	0.106	9	-1608.68	3235.63
0.024	0.012	-0.158			0.081	13	-1604.54	3235.63
	0.058				0.105	11	-1606.62	3235.63
	0.066		0.08		0.107	8	-1609.71	3235.632
	0.026	-0.118			0.099	13	-1604.55	3235.637
	0.065		0.079		0.107	8	-1609.71	3235.637
0.021	-0.042		-0.028		0.086	13	-1604.55	3235.64
0.021	-0.012			0.008	0.085	11	-1606.62	3235.64
			-0.049	-0.013	0.101	13	-1604.55	3235.641
	-0.031	-0.118	-0.052		0.098	13	-1604.55	3235.643
	0.038	-0.118	-0.014		0.099	13	-1604.55	3235.644
				0.023	0.106	9	-1608.69	3235.647
			-0.021		0.1	11	-1606.63	3235.647
	-0.062		-0.113	-0.026	0.1	13	-1604.55	3235.649
		-0.189		-0.029	0.104	11	-1606.63	3235.65
0.024		-0.161	-0.001		0.082	13	-1604.56	3235.654
	0.045		0.004		0.099	11	-1606.63	3235.654
				-0.017	0.098	11	-1606.63	3235.655
	0.027			0.016	0.108	8	-1609.72	3235.656
0.023	0.07				0.082	12	-1605.6	3235.656
	0.037				0.099	11	-1606.63	3235.656
0.024	0.02	-0.126	-0.018		0.082	13	-1604.56	3235.657
		-0.105	-0.048		0.098	13	-1604.56	3235.658
	0.022	-0.153			0.097	13	-1604.56	3235.66
	-0.066	-0.182	-0.05	-0.028	0.106	13	-1604.56	3235.66
0.024				0.007	0.08	11	-1606.63	3235.661
		-0.116	-0.039	-0.016	0.105	11	-1606.63	3235.661

	-0.004	-0.114	-0.046		0.098	13	-1604.56	3235.661
		-0.108		0.001	0.097	12	-1605.6	3235.663
0.024		-0.12	-0.037		0.081	13	-1604.56	3235.666
0.024				0.004	0.081	11	-1606.64	3235.666
	0.049	-0.116	-0.002	-0.009	0.099	12	-1605.6	3235.666
	0.039			0.008	0.106	11	-1606.64	3235.672
-0.537					0.496	14	-1603.52	3235.674
	0.024	-0.114	-0.005		0.098	12	-1605.61	3235.674
	-0.014	-0.117	-0.047		0.098	13	-1604.57	3235.676
				-0.006	0.101	13	-1604.57	3235.677
0.024	0.062			0.002	0.082	12	-1605.61	3235.677
	0.008	-0.118	-0.035		0.106	12	-1605.61	3235.678
	0.006			0.013	0.106	10	-1607.68	3235.678
	0.006	-0.122	-0.035		0.106	12	-1605.61	3235.678
-0.57			-0.009		0.52	14	-1603.53	3235.68
-0.639		0.027			0.571	14	-1603.53	3235.681
		-0.122	-0.037		0.106	12	-1605.61	3235.681
				-0.016	0.106	10	-1607.68	3235.681
	0.021		-0.005		0.099	11	-1606.65	3235.683
0.024			-0.009		0.081	11	-1606.65	3235.683
0.024	0.025	-0.119	-0.022		0.082	13	-1604.57	3235.683
0.024			-0.006		0.081	11	-1606.65	3235.683
			-0.004	0.011	0.106	10	-1607.68	3235.683
0.024	0.04		0.008	0.012	0.081	11	-1606.65	3235.684
	-0.026				0.101	13	-1604.57	3235.684
-0.564	0.07				0.514	13	-1604.57	3235.688
		-0.113		0	0.105	11	-1606.65	3235.689
	0.043			0.002	0.099	12	-1605.61	3235.689
0.024			-0.013	0.002	0.081	11	-1606.65	3235.69
0.024					0.081	11	-1606.65	3235.691
-0.545	-0.044		-0.034		0.501	14	-1603.53	3235.691
0.024	0.029			0.009	0.082	11	-1606.65	3235.693
0.022	-0.019		-0.103	-0.022	0.085	13	-1604.58	3235.693
0.022	0.068		0.045		0.084	11	-1606.65	3235.696
	0.004	-0.118	-0.036		0.107	12	-1605.62	3235.697
			-0.037		0.106	10	-1607.69	3235.697
				0.011	0.098	11	-1606.65	3235.699
-0.57	-0.007				0.52	14	-1603.54	3235.7
0.023	0.037			0.009	0.082	11	-1606.65	3235.701
				0.01	0.097	11	-1606.65	3235.701
0.022	0.033		-0.079		0.084	13	-1604.58	3235.703
		-0.121	-0.038		0.098	13	-1604.58	3235.704
	0.124		0.06		0.098	10	-1607.69	3235.705
			-0.013		0.101	13	-1604.58	3235.706
0.024			-0.019		0.08	11	-1606.66	3235.709
	0.046	-0.135			0.098	13	-1604.59	3235.713
	-0.05	-0.113	-0.074	-0.03	0.107	13	-1604.59	3235.717
					0.106	9	-1608.73	3235.717

			0.02	0.012	0.107	8	-1609.75	3235.72
					0.107	8	-1609.75	3235.721
		-0.229		-0.017	0.096	13	-1604.59	3235.721
0.022			-0.099	-0.019	0.084	13	-1604.59	3235.722
-0.541		0.024			0.498	14	-1603.55	3235.724
0.024	0.017			0.012	0.081	11	-1606.67	3235.725
	-0.093	-0.317		-0.044	0.106	13	-1604.59	3235.726
0.021			0.007	0.012	0.086	11	-1606.67	3235.728
			-0.012	0.005	0.099	11	-1606.67	3235.73
0.022			-0.094	-0.019	0.084	13	-1604.59	3235.731
0.023	0.038	-0.124	-0.013		0.082	13	-1604.59	3235.731
0.021			0.008	0.005	0.085	13	-1604.59	3235.731
0.025	0.021	-0.159			0.079	13	-1604.6	3235.734
	0.03	-0.106	-0.032		0.107	12	-1605.64	3235.735
			-0.013		0.099	11	-1606.67	3235.735
		-0.104	-0.023	-0.011	0.098	12	-1605.64	3235.736
					0.097	10	-1607.71	3235.738
0.024		-0.111	-0.047		0.081	13	-1604.6	3235.74
	0.016				0.097	10	-1607.71	3235.74
-0.492	0.004				0.462	14	-1603.56	3235.741
	0.019		-0.073		0.107	12	-1605.64	3235.742
	0.021		-0.073		0.107	12	-1605.64	3235.743
0.025	0.062				0.079	12	-1605.64	3235.743
				0.011	0.105	10	-1607.71	3235.744
			-0.035	0	0.106	10	-1607.71	3235.747
			-0.023	0.006	0.106	10	-1607.71	3235.75
			-0.038	-0.009	0.107	10	-1607.71	3235.75
		-0.228		-0.019	0.097	13	-1604.6	3235.751
0.024	0.029		0.006	0.014	0.081	11	-1606.68	3235.752
					0.097	10	-1607.71	3235.753
-0.524	0.046		0.014		0.483	12	-1605.65	3235.755
0.023			-0.021		0.083	11	-1606.68	3235.755
0.024	-0.014	-0.122	-0.046		0.081	13	-1604.61	3235.755
	-0.049				0.106	9	-1608.75	3235.758
					0.107	8	-1609.77	3235.761
			0.001		0.097	10	-1607.72	3235.764
			-0.083		0.107	12	-1605.65	3235.767
			-0.088	-0.008	0.107	11	-1606.69	3235.773
0.023	0.044		0.003		0.082	11	-1606.69	3235.774
0.024			-0.025	-0.001	0.081	11	-1606.69	3235.774
0.023	0.037				0.082	11	-1606.69	3235.775
	-0.034	-0.182	-0.038	-0.028	0.107	13	-1604.62	3235.775
0.024			-0.01	0.008	0.081	11	-1606.69	3235.776
	0.025				0.107	8	-1609.78	3235.777
0.027		-0.234		-0.017	0.076	13	-1604.62	3235.778
			0.032		0.097	10	-1607.73	3235.78
-0.437	0.118				0.42	12	-1605.66	3235.781
					0.107	8	-1609.78	3235.781

	0.023		0.008	0.015	0.106	10	-1607.73	3235.784
0.024		-0.127	-0.037		0.081	13	-1604.62	3235.784
			-0.033		0.098	11	-1606.7	3235.789
	0.045	-0.189		-0.015	0.097	13	-1604.62	3235.79
0.025				-0.017	0.08	11	-1606.7	3235.792
0.024	0.045	-0.14			0.081	13	-1604.63	3235.793
	0.088		0.041		0.106	9	-1608.76	3235.793
			-0.067	-0.019	0.101	13	-1604.63	3235.795
-0.473	0.097				0.448	12	-1605.67	3235.796
0.026	0.036	-0.199		-0.015	0.078	13	-1604.63	3235.797
	0.013	-0.21		-0.015	0.097	13	-1604.63	3235.797
				0.006	0.099	11	-1606.7	3235.798
0.021	0.014				0.086	9	-1608.77	3235.799
	0.012	-0.214		-0.017	0.105	12	-1605.67	3235.799
0.024	0.021		-0.005		0.081	11	-1606.7	3235.799
			0.012		0.097	10	-1607.74	3235.8
-0.354		-0.117			0.357	13	-1604.63	3235.802
	-0.054	-0.18		-0.023	0.107	13	-1604.63	3235.803
0.025				0.011	0.079	11	-1606.71	3235.804
0.024				0.012	0.081	11	-1606.71	3235.805
0.021	-0.041		-0.099	-0.024	0.085	13	-1604.63	3235.808
	-0.075		-0.107	-0.028	0.108	12	-1605.67	3235.809
0.026		-0.233		-0.019	0.078	13	-1604.63	3235.811
0.021			-0.049	-0.013	0.085	13	-1604.64	3235.814
	-0.001		0.003	0.013	0.107	10	-1607.74	3235.815
	-0.036			0.027	0.106	9	-1608.77	3235.815
		-0.226		-0.019	0.105	12	-1605.68	3235.817
	0.102			0.019	0.105	11	-1606.71	3235.818
0.022	-0.063		-0.113	-0.025	0.085	13	-1604.64	3235.819
	0.039	-0.186		-0.012	0.105	12	-1605.68	3235.822
-0.482	0.121		0.013		0.454	12	-1605.68	3235.824
	-0.013		-0.013		0.106	10	-1607.75	3235.824
			-0.069	-0.021	0.101	13	-1604.64	3235.826
0.025	0.011	-0.222		-0.019	0.079	13	-1604.64	3235.829
	0		-0.072	-0.022	0.101	13	-1604.64	3235.831
-0.513	0.038			0	0.476	12	-1605.68	3235.831
0.021				0.005	0.085	9	-1608.78	3235.831
		-0.11	-0.032	-0.014	0.098	12	-1605.68	3235.831
	0.046	-0.18		-0.012	0.105	12	-1605.68	3235.834
0.021	-0.026				0.086	13	-1604.65	3235.838
					0.107	8	-1609.81	3235.839
-0.472			-0.006	-0.008	0.448	14	-1603.61	3235.839
0.023			-0.012	0.005	0.082	11	-1606.72	3235.84
-0.501				-0.008	0.469	14	-1603.61	3235.84
0.023	0.043			0.003	0.082	12	-1605.69	3235.843
0.021	-0.041			-0.003	0.085	13	-1604.65	3235.843
0.021				-0.006	0.086	13	-1604.65	3235.843
0.023	0.028	-0.094	-0.041		0.082	13	-1604.65	3235.845

	0.033	-0.193		-0.014	0.097	13	-1604.65	3235.845
	0.124		0.056		0.106	9	-1608.79	3235.847
0.024			-0.014		0.082	11	-1606.73	3235.849
-0.478	-0.011			-0.006	0.452	14	-1603.61	3235.852
-0.365		-0.112			0.365	13	-1604.66	3235.855
0.026	0.012	-0.217		-0.015	0.078	13	-1604.66	3235.856
0.021	-0.052		-0.107	-0.026	0.086	13	-1604.66	3235.857
-0.444		-0.017		-0.007	0.427	14	-1603.62	3235.858
0.025	0.044	-0.194		-0.015	0.079	13	-1604.66	3235.859
	0.043	-0.181		-0.013	0.105	12	-1605.7	3235.859
0.021			-0.013		0.086	13	-1604.66	3235.86
					0.097	10	-1607.77	3235.864
0.024	0		-0.011		0.081	11	-1606.74	3235.865
	-0.046			0.004	0.106	12	-1605.7	3235.865
0.021			-0.002		0.085	9	-1608.8	3235.866
			-0.015	0.008	0.098	11	-1606.74	3235.868
	0.004				0.097	10	-1607.77	3235.869
	0.04	-0.188		-0.012	0.105	12	-1605.7	3235.871
0.025	0.038	-0.199		-0.015	0.078	13	-1604.66	3235.871
					0.107	8	-1609.83	3235.873
			-0.022	0.002	0.106	10	-1607.78	3235.88
0.024	0.038			0.006	0.08	12	-1605.71	3235.881
-0.488	0.109			-0.004	0.459	12	-1605.71	3235.883
	0.033	-0.186		-0.012	0.105	12	-1605.71	3235.885
		-0.117	-0.036	-0.014	0.106	11	-1606.75	3235.885
0.024			-0.034		0.08	11	-1606.75	3235.886
	0.025			0.006	0.106	11	-1606.75	3235.888
-0.659		0.041	-0.035		0.585	14	-1603.63	3235.889
		-0.254	0.053		0.105	12	-1605.72	3235.894
	-0.07	-0.159	-0.072	-0.038	0.107	13	-1604.68	3235.896
	0.002		-0.058		0.107	12	-1605.72	3235.899
	0.07		0.044		0.106	9	-1608.82	3235.904
		-0.143	-0.026		0.099	13	-1604.68	3235.906
					0.107	8	-1609.85	3235.907
0.025	0.032	-0.199		-0.015	0.079	13	-1604.68	3235.909
0.024				0.007	0.082	11	-1606.76	3235.909
			-0.001		0.107	8	-1609.85	3235.911
				0	0.107	8	-1609.85	3235.911
0.023	0.017	-0.114	-0.033		0.082	13	-1604.69	3235.919
	0.005	-0.253	0.047		0.105	12	-1605.73	3235.921
0.022		-0.04	-0.072		0.084	13	-1604.69	3235.921
	-0.027	-0.172	-0.055	-0.03	0.107	13	-1604.69	3235.926
-0.452	-0.017		-0.004		0.433	14	-1603.65	3235.927
0.025	0.103			0.018	0.08	12	-1605.74	3235.935
-0.463	-0.01	0.005			0.441	14	-1603.65	3235.935
-0.454	-0.011				0.435	14	-1603.65	3235.936
	0.006	-0.117	-0.03		0.099	13	-1604.7	3235.937
-0.419			-0.007		0.409	14	-1603.66	3235.938

			-0.062	-0.007	0.108	13	-1604.7	3235.938
-0.644				-0.026	0.571	12	-1605.74	3235.939
	-0.031	-0.15		-0.016	0.107	13	-1604.7	3235.939
	0.031		-0.043		0.107	12	-1605.74	3235.94
	-0.064	-0.178	-0.043	-0.027	0.099	14	-1603.66	3235.941
-0.468		0.011			0.445	14	-1603.66	3235.945
-0.475		0.014	-0.001		0.451	14	-1603.66	3235.945
					0.1	9	-1608.84	3235.946
	-0.048	-0.159	-0.009	-0.019	0.107	13	-1604.7	3235.946
			0.033		0.098	10	-1607.81	3235.95
	-0.055	-0.192	-0.002	-0.023	0.107	13	-1604.7	3235.952
	-0.056	-0.191		-0.022	0.107	13	-1604.7	3235.952
	-0.054	-0.189		-0.022	0.107	13	-1604.71	3235.953
	-0.004	-0.14	-0.027		0.099	13	-1604.71	3235.954
		-0.22		-0.014	0.104	12	-1605.75	3235.96
	-0.111				0.099	9	-1608.85	3235.963
	-0.039				0.097	10	-1607.82	3235.968
0.021			-0.067	-0.019	0.086	13	-1604.71	3235.969
	0.07	-0.118		-0.011	0.106	12	-1605.75	3235.97
0.024			-0.015	0.008	0.08	11	-1606.79	3235.97
				0.012	0.097	11	-1606.79	3235.977
		-0.171		-0.022	0.107	13	-1604.72	3235.978
	-0.038	-0.157		-0.017	0.107	13	-1604.72	3235.981
				0.012	0.105	10	-1607.83	3235.982
	-0.031	-0.104	-0.022	-0.014	0.107	13	-1604.72	3235.983
-0.613	-0.052			-0.015	0.553	14	-1603.68	3235.983
0.024		-0.148	-0.026		0.081	13	-1604.72	3235.986
	-0.057	-0.191	-0.013	-0.021	0.106	13	-1604.72	3235.986
0.024	-0.089	-0.32		-0.044	0.081	14	-1603.68	3235.987
		-0.258	0.054		0.098	13	-1604.72	3235.988
	0.126				0.106	11	-1606.8	3235.995
			-0.034	-0.01	0.099	11	-1606.8	3235.997
		-0.17	-0.019	-0.022	0.107	13	-1604.73	3235.998
	-0.041		-0.082		0.107	12	-1605.77	3235.999
0.024			-0.031	0	0.081	11	-1606.8	3236
0.021			-0.07	-0.021	0.086	13	-1604.73	3236.001
	-0.062			-0.004	0.101	13	-1604.73	3236.001
	-0.126		-0.026	0	0.107	12	-1605.77	3236.004
			-0.055		0.108	13	-1604.73	3236.004
0.021	0.001		-0.072	-0.022	0.086	13	-1604.73	3236.005
		-0.141		-0.017	0.107	13	-1604.73	3236.006
-0.717					0.625	13	-1604.73	3236.007
0.024	0.015	-0.135	-0.025		0.082	13	-1604.73	3236.008
	-0.024	-0.179		-0.018	0.106	13	-1604.73	3236.009
	0.055	-0.226		-0.021	0.106	12	-1605.77	3236.013
	0.001		-0.013	0.005	0.106	11	-1606.81	3236.015
			-0.075	-0.019	0.101	13	-1604.74	3236.016
	-0.072	-0.154	-0.089	-0.036	0.106	13	-1604.74	3236.017

	-0.056		0.004		0.101	13	-1604.74	3236.017
0.023	0.002			0.011	0.082	11	-1606.82	3236.023
0.023			0.001	0.011	0.082	11	-1606.82	3236.023
-0.628			0.023	-0.012	0.563	14	-1603.7	3236.027
0.025	0.009	-0.255	0.051		0.079	13	-1604.74	3236.027
					0.106	9	-1608.88	3236.032
0.024	-0.004	-0.146	-0.027		0.082	13	-1604.74	3236.032
		-0.13	-0.019	-0.014	0.106	13	-1604.75	3236.035
	0.037	-0.122	-0.02		0.099	13	-1604.75	3236.038
	-0.004		-0.049		0.108	13	-1604.75	3236.038
0.025		-0.261	0.053		0.079	13	-1604.75	3236.04
				0.005	0.097	12	-1605.79	3236.041
		0.004	-0.05		0.108	13	-1604.75	3236.042
	-0.107				0.108	8	-1609.92	3236.045
			0.008		0.106	9	-1608.89	3236.05
					0.107	8	-1609.92	3236.055
			0.061		0.098	10	-1607.87	3236.058
	0.016				0.106	9	-1608.9	3236.059
-0.417		-0.102		-0.02	0.408	14	-1603.72	3236.061
	0.067	-0.114		-0.007	0.105	12	-1605.8	3236.062
	0.059	-0.121		-0.009	0.106	12	-1605.8	3236.065
0.024	0.023		0.014	0.015	0.081	11	-1606.84	3236.067
			-0.014	0.003	0.099	11	-1606.84	3236.069
	0.033	-0.164			0.105	12	-1605.8	3236.072
	-0.045			0.002	0.099	13	-1604.77	3236.074
					0.106	9	-1608.9	3236.074
		-0.109	-0.033	-0.012	0.098	12	-1605.81	3236.074
	0.014		-0.071		0.099	13	-1604.77	3236.075
			-0.082		0.099	13	-1604.77	3236.077
0.025				0.013	0.079	11	-1606.84	3236.077
	0.06		0.062		0.107	9	-1608.91	3236.077
			0.03		0.106	9	-1608.91	3236.083
					0.106	9	-1608.91	3236.084
	0.015				0.106	9	-1608.91	3236.086
	-0.068	-0.188	-0.024	-0.019	0.106	13	-1604.77	3236.086
	-0.037		-0.053		0.108	13	-1604.77	3236.086
	0.046	-0.15			0.105	12	-1605.81	3236.087
	-0.028		0.014		0.097	10	-1607.88	3236.087
	0.053	-0.145			0.105	12	-1605.81	3236.09
		-0.221		-0.031	0.107	13	-1604.77	3236.09
-0.442		-0.076		-0.01	0.422	14	-1603.74	3236.097
0.022			-0.028	-0.004	0.084	13	-1604.78	3236.101
		-0.161	-0.021	-0.018	0.106	13	-1604.78	3236.103
		-0.163	-0.031	-0.021	0.106	13	-1604.78	3236.104
			0		0.106	9	-1608.92	3236.105
			-0.008		0.107	8	-1609.95	3236.106
0.023			-0.034	-0.01	0.082	11	-1606.86	3236.107
				0.003	0.107	8	-1609.95	3236.108

	0.043	-0.239		-0.021	0.098	13	-1604.79	3236.116
	0.061	-0.114		-0.011	0.098	13	-1604.79	3236.117
-0.073		-0.257		-0.019	0.15	13	-1604.79	3236.117
					0.107	8	-1609.95	3236.119
	0.001				0.107	8	-1609.95	3236.12
0.023	0.037	-0.128	-0.02		0.082	13	-1604.79	3236.121
	0.029	-0.165			0.097	13	-1604.79	3236.121
	-0.039	-0.145	-0.08	-0.034	0.107	13	-1604.79	3236.122
-0.12	0.031	-0.224		-0.018	0.185	13	-1604.79	3236.126
		-0.1	-0.011	-0.01	0.107	13	-1604.79	3236.126
0.021	-0.057		-0.086	-0.024	0.086	13	-1604.79	3236.126
	0.044	-0.149			0.105	12	-1605.83	3236.129
		-0.155	-0.017	-0.016	0.106	13	-1604.79	3236.132
	0.008	-0.262		-0.019	0.096	13	-1604.79	3236.132
		-0.066	-0.022	-0.006	0.107	13	-1604.79	3236.132
		-0.268	-0.002	-0.02	0.096	13	-1604.8	3236.136
	0.117				0.098	12	-1605.84	3236.138
		-0.125		-0.012	0.107	13	-1604.8	3236.141
	0.04	-0.155			0.097	13	-1604.8	3236.142
0.021	-0.062			-0.003	0.086	13	-1604.8	3236.144
0.021	-0.064		0	-0.003	0.086	13	-1604.8	3236.145
	0.06	-0.111		-0.009	0.098	13	-1604.8	3236.148
-0.695				-0.01	0.609	13	-1604.8	3236.148
	0.038	-0.237	0.001	-0.017	0.105	12	-1605.84	3236.148
0.025	0.042	-0.243		-0.021	0.079	13	-1604.8	3236.149
0.026	0.006	-0.267		-0.019	0.077	13	-1604.8	3236.151
-0.232		-0.167		-0.013	0.266	13	-1604.8	3236.152
0.026		-0.272	-0.002	-0.02	0.077	13	-1604.81	3236.152
	-0.026		-0.088	-0.025	0.102	13	-1604.81	3236.154
		-0.211		-0.015	0.095	13	-1604.81	3236.154
0.024	0.021			0.005	0.081	12	-1605.85	3236.156
			-0.078	-0.023	0.101	13	-1604.81	3236.157
0.021	-0.057		0.003		0.086	13	-1604.81	3236.158
	0.134		0.012		0.107	11	-1606.88	3236.158
-0.583					0.528	12	-1605.85	3236.162
	-0.002		-0.081	-0.024	0.102	13	-1604.81	3236.163
0.025	0.039	-0.246	0.006	-0.018	0.078	13	-1604.81	3236.164
0.023			-0.083	-0.008	0.083	12	-1605.85	3236.164
	0.031	-0.16			0.097	13	-1604.81	3236.164
		-0.029	-0.031		0.108	13	-1604.81	3236.166
		-0.136		-0.011	0.106	13	-1604.81	3236.166
	0.062	-0.111			0.106	12	-1605.85	3236.167
	-0.007	-0.032	-0.027		0.108	13	-1604.81	3236.169
	-0.017	-0.114		-0.008	0.106	13	-1604.81	3236.171
0.023	-0.01		-0.006		0.082	11	-1606.89	3236.171
		-0.155	-0.033	-0.029	0.107	13	-1604.81	3236.172
		-0.158	0.009	-0.016	0.107	13	-1604.82	3236.172
		-0.211		-0.013	0.096	13	-1604.82	3236.174

	0.033	-0.241	0.003	-0.017	0.097	13	-1604.82	3236.176
-0.472		-0.043	0.026		0.448	14	-1603.77	3236.176
-0.687	0.081			-0.017	0.605	14	-1603.78	3236.178
0.024			-0.014	0.003	0.082	11	-1606.89	3236.178
0.026				0.005	0.078	12	-1605.86	3236.179
	0.055	-0.116		-0.009	0.098	13	-1604.82	3236.18
	-0.079	-0.155	-0.101	-0.037	0.106	13	-1604.82	3236.181
	-0.012		-0.04	-0.003	0.108	13	-1604.82	3236.182
-0.444	-0.031	-0.049			0.425	14	-1603.78	3236.183
	-0.005	-0.103		-0.008	0.107	13	-1604.82	3236.183
	-0.089	-0.186	-0.095	-0.039	0.106	13	-1604.82	3236.183
-0.503			0.023	0.009	0.468	13	-1604.82	3236.185
	-0.102	-0.183	-0.03	-0.019	0.106	13	-1604.82	3236.187
-0.273		-0.125			0.297	13	-1604.82	3236.187
					0.1	9	-1608.96	3236.188
			0.03		0.098	10	-1607.93	3236.188
			-0.04	0	0.108	13	-1604.82	3236.189
0.021			-0.075	-0.019	0.085	13	-1604.82	3236.189
0.025	0.028	-0.171			0.079	13	-1604.82	3236.189
		-0.188			0.097	13	-1604.82	3236.191
	0.054			0.008	0.109	10	-1607.93	3236.192
		-0.105		-0.008	0.107	13	-1604.83	3236.193
		-0.18	0.013	-0.018	0.107	13	-1604.83	3236.197
				0.006	0.105	11	-1606.9	3236.199
0.025	0.036	-0.164			0.08	13	-1604.83	3236.199
0.023			-0.084		0.083	13	-1604.83	3236.199
0.027		-0.216		-0.015	0.075	13	-1604.83	3236.2
0.026	0.032	-0.246	0.003	-0.018	0.078	13	-1604.83	3236.202
0.023	0.015		-0.071		0.083	13	-1604.83	3236.202
	-0.019	-0.068	-0.016		0.108	13	-1604.83	3236.202
		-0.137	-0.042	-0.021	0.106	13	-1604.83	3236.203
	-0.076	-0.156	-0.097	-0.038	0.106	13	-1604.83	3236.203
			0.023	-0.001	0.102	13	-1604.83	3236.204
	0.121			0.003	0.107	11	-1606.91	3236.205
		-0.188			0.105	12	-1605.87	3236.205
-0.16		-0.161	-0.033		0.217	12	-1605.87	3236.206
-0.589	-0.026			-0.006	0.531	14	-1603.79	3236.206
				0.003	0.107	8	-1610	3236.207
0.025	0.038	-0.161			0.079	13	-1604.83	3236.209
	0.125				0.107	11	-1606.91	3236.212
	-0.006				0.107	8	-1610	3236.214
0.022	-0.041	-0.132	-0.062	-0.029	0.084	14	-1603.79	3236.214
0.023	0.026		-0.068		0.083	13	-1604.84	3236.214
-0.281		-0.116			0.302	13	-1604.84	3236.215
			-0.006		0.108	9	-1608.97	3236.215
0.024	0.003		-0.005	0.006	0.08	12	-1605.88	3236.218
0.027		-0.217		-0.013	0.076	13	-1604.84	3236.219
-0.564	-0.022		0.02		0.516	14	-1603.8	3236.219

					0.107	8	-1610	3236.221
	0.03	-0.235	-0.004	-0.017	0.105	12	-1605.88	3236.222
			0.001		0.107	8	-1610	3236.222
	0.029	-0.236		-0.015	0.104	12	-1605.88	3236.226
0.023	-0.046			0.003	0.082	13	-1604.84	3236.226
0.025	0.03	-0.165			0.079	13	-1604.84	3236.228
	0.116		0.036		0.107	11	-1606.92	3236.229
	-0.073	-0.157	-0.102	-0.034	0.106	13	-1604.84	3236.229
-0.414	-0.054	-0.055			0.405	14	-1603.8	3236.23
				0.007	0.097	12	-1605.88	3236.23
0.024	0.118				0.081	12	-1605.88	3236.231
				0.005	0.098	12	-1605.88	3236.231
				-0.001	0.107	9	-1608.98	3236.232
				0.004	0.106	11	-1606.92	3236.233
				0.004	0.106	11	-1606.92	3236.233
0.026	0.039	-0.236	0.002	-0.017	0.078	13	-1604.85	3236.235
	0.038	-0.226	-0.003	-0.016	0.105	12	-1605.89	3236.236
	-0.026	-0.082	-0.01		0.107	13	-1604.85	3236.24
0.022			0.027	0.013	0.084	9	-1608.99	3236.241
	-0.036				0.106	9	-1608.99	3236.241
				0.002	0.106	11	-1606.93	3236.245
	0.088				0.107	8	-1610.02	3236.246
-0.647				-0.006	0.573	13	-1604.85	3236.247
		-0.068	-0.012		0.108	13	-1604.85	3236.249
		-0.26	-0.01	-0.02	0.104	12	-1605.89	3236.252
0.025		-0.193			0.079	13	-1604.86	3236.255
					0.106	11	-1606.93	3236.255
				0.003	0.098	12	-1605.9	3236.255
	-0.065		-0.056	-0.015	0.109	13	-1604.86	3236.256
				0.028	0.099	10	-1607.97	3236.258
					0.098	12	-1605.9	3236.259
			-0.006		0.107	8	-1610.02	3236.262
	0.005				0.107	8	-1610.03	3236.263
0.023	0.001		0.012	0.014	0.083	11	-1606.94	3236.265
					0.1	9	-1609	3236.265
				0.002	0.107	8	-1610.03	3236.266
	-0.03	-0.174		-0.018	0.099	14	-1603.82	3236.267
	-0.054	-0.156	-0.088	-0.038	0.107	13	-1604.86	3236.268
				0.008	0.105	11	-1606.94	3236.271
			0.03		0.106	9	-1609	3236.273
	-0.008		-0.058		0.1	13	-1604.87	3236.274
	-0.063	-0.185	-0.011	-0.02	0.099	14	-1603.83	3236.278
-0.28		-0.162		-0.018	0.303	13	-1604.87	3236.278
	-0.057	-0.184		-0.02	0.099	14	-1603.83	3236.283
	-0.045	-0.153	-0.087	-0.036	0.107	13	-1604.87	3236.286
	0.083	-0.178	0.027		0.106	12	-1605.91	3236.29
	-0.013	-0.087			0.107	13	-1604.88	3236.292
	-0.012	-0.086			0.107	13	-1604.88	3236.292

	-0.025	-0.133	-0.082	-0.032	0.107	13	-1604.88	3236.293
			0.016		0.107	8	-1610.04	3236.293
	-0.008	-0.084			0.107	13	-1604.88	3236.294
	-0.035	-0.151	-0.085	-0.032	0.106	13	-1604.88	3236.295
	0.057	-0.107			0.098	13	-1604.88	3236.296
	-0.071	-0.15	-0.083	-0.036	0.099	14	-1603.84	3236.298
	-0.026	-0.168		-0.012	0.106	13	-1604.88	3236.299
	-0.047	-0.137	-0.096	-0.033	0.106	13	-1604.88	3236.3
	0.075				0.107	9	-1609.02	3236.3
-0.261	-0.069	-0.142		-0.012	0.289	14	-1603.84	3236.304
		-0.081			0.107	13	-1604.88	3236.305
			-0.037	-0.011	0.109	13	-1604.88	3236.306
	-0.047	-0.15	-0.088	-0.036	0.107	13	-1604.88	3236.307
-0.687	-0.068		-0.084	-0.032	0.607	15	-1602.79	3236.307
	-0.045	-0.172		-0.018	0.099	14	-1603.84	3236.311
			0.058		0.106	9	-1609.02	3236.312
	0.04	-0.104		-0.003	0.105	12	-1605.93	3236.315
		-0.163	-0.017	-0.021	0.099	14	-1603.84	3236.316
				-0.016	0.108	8	-1610.05	3236.318
	-0.069	-0.183	-0.019	-0.019	0.099	14	-1603.85	3236.322
0.021	-0.025		-0.088	-0.025	0.087	13	-1604.89	3236.329
0.021			-0.078	-0.023	0.087	13	-1604.89	3236.331
			0.005		0.1	9	-1609.03	3236.334
	0.005				0.1	9	-1609.03	3236.335
-0.547	0.064		0.015		0.501	12	-1605.94	3236.335
0.021	-0.002		-0.081	-0.024	0.087	13	-1604.9	3236.335
	0.029		-0.05		0.108	12	-1605.94	3236.336
	0.099		0.083		0.107	9	-1609.04	3236.337
		-0.165		-0.021	0.1	14	-1603.86	3236.338
			0.026		0.106	9	-1609.04	3236.339
				0	0.1	9	-1609.04	3236.341
				0.029	0.107	9	-1609.04	3236.341
	-0.048		-0.08		0.1	13	-1604.9	3236.343
0.023	-0.026	-0.163		-0.018	0.083	14	-1603.86	3236.344
	-0.036	-0.13	-0.091	-0.033	0.107	13	-1604.9	3236.346
		-0.141	-0.056	-0.026	0.106	13	-1604.9	3236.349
	0.14			0.009	0.106	11	-1606.98	3236.35
0.021			0.023	0	0.087	13	-1604.91	3236.353
0.026	0.019	-0.205	-0.012	-0.018	0.078	13	-1604.91	3236.353
	0.11		0.099	0.037	0.107	9	-1609.05	3236.363
		-0.155		-0.018	0.1	14	-1603.87	3236.364
		-0.159	-0.025	-0.02	0.099	14	-1603.87	3236.368
				0.031	0.1	10	-1608.02	3236.368
0.025				0.007	0.079	12	-1605.95	3236.369
	-0.116		-0.018	0.001	0.1	13	-1604.91	3236.371
0.023	-0.053	-0.208		-0.025	0.083	14	-1603.87	3236.376
		-0.136	-0.062	-0.028	0.107	13	-1604.92	3236.376
0.025				0.005	0.08	12	-1605.96	3236.379

	-0.028		0.012		0.106	9	-1609.06	3236.379
0.023	-0.044	-0.177		-0.018	0.082	14	-1603.88	3236.381
	0.028		-0.037		0.1	13	-1604.92	3236.383
		-0.224		-0.03	0.099	14	-1603.88	3236.386
	-0.001	-0.135	-0.066	-0.03	0.107	13	-1604.92	3236.386
	-0.091	-0.191	-0.022	-0.02	0.098	14	-1603.88	3236.387
-0.524			-0.003		0.483	12	-1605.96	3236.388
-0.157	0.049	-0.178	0.019		0.212	13	-1604.92	3236.39
-0.53				-0.001	0.487	12	-1605.96	3236.391
-0.717	0.028	0.064	-0.044		0.628	14	-1603.88	3236.392
	0.087			0.01	0.107	9	-1609.07	3236.397
-0.544	0.049			-0.003	0.499	12	-1605.97	3236.398
	0.006			0.004	0.107	8	-1610.09	3236.398
	0.077			-0.005	0.107	12	-1605.97	3236.399
		-0.204		-0.012	0.104	12	-1605.97	3236.4
	-0.098	-0.209	-0.087	-0.04	0.099	14	-1603.89	3236.4
	-0.031	-0.113			0.107	13	-1604.93	3236.401
	0.073	-0.189	0.028		0.098	13	-1604.93	3236.401
-0.529	0.044				0.488	12	-1605.97	3236.403
		-0.175	-0.035	-0.023	0.106	13	-1604.93	3236.404
0.023	-0.039	-0.173	-0.004	-0.02	0.083	14	-1603.89	3236.404
			0.003	0.004	0.107	8	-1610.1	3236.406
				0.003	0.107	8	-1610.1	3236.406
0.024				0.003	0.08	12	-1605.97	3236.409
	0.008				0.107	8	-1610.1	3236.41
	-0.024	-0.102	-0.005		0.107	13	-1604.93	3236.411
	0.1	-0.131	0.023	-0.011	0.106	12	-1605.97	3236.411
				0.018	0.097	11	-1607.01	3236.411
0.025					0.08	12	-1605.97	3236.413
			-0.005		0.107	8	-1610.1	3236.416
	-0.058	-0.105	-0.026		0.107	13	-1604.94	3236.416
0.022	-0.009		-0.059		0.084	13	-1604.94	3236.419
	0.016	-0.191	-0.02	-0.017	0.105	12	-1605.98	3236.42
	0.128		0.018		0.099	12	-1605.98	3236.428
-0.691		0.046	-0.049		0.608	14	-1603.9	3236.429
					0.098	11	-1607.02	3236.43
	0.136		-0.008		0.106	11	-1607.02	3236.434
0.02	0.022			0.014	0.087	9	-1609.08	3236.435
	-0.032	-0.165		-0.013	0.098	14	-1603.9	3236.436
	-0.033	-0.147		-0.012	0.099	14	-1603.9	3236.436
			0.027		0.107	8	-1610.11	3236.438
0.024				0.001	0.08	12	-1605.99	3236.438
0.024	-0.09	-0.195	-0.022	-0.02	0.081	14	-1603.91	3236.44
	0.06				0.106	10	-1608.06	3236.442
	-0.079	-0.152	-0.1	-0.034	0.099	14	-1603.91	3236.443
	-0.078	-0.149	-0.097	-0.036	0.099	14	-1603.91	3236.445
0.023		-0.147	-0.017	-0.016	0.082	14	-1603.91	3236.446
	0.098				0.107	9	-1609.09	3236.446

0.025	0.071	-0.193	0.027		0.079	13	-1604.95	3236.446
	0.074				0.107	12	-1605.99	3236.447
	-0.04	-0.124	0.003		0.107	13	-1604.95	3236.447
-0.624			-0.031		0.559	14	-1603.91	3236.452
	0.022	-0.207			0.106	12	-1605.99	3236.453
0.023		-0.16		-0.018	0.083	14	-1603.91	3236.454
	0.001	-0.151		-0.028	0.107	13	-1604.96	3236.455
		-0.151	-0.032	-0.021	0.099	14	-1603.91	3236.456
			0.066	0.029	0.098	10	-1608.06	3236.456
-0.697		0.064	-0.062		0.613	14	-1603.91	3236.456
				0.031	0.108	9	-1609.1	3236.459
-0.582	0.014		-0.037		0.527	14	-1603.92	3236.46
	-0.015		-0.024		0.109	13	-1604.96	3236.461
			0.028		0.107	8	-1610.13	3236.463
			0.03	0.009	0.107	8	-1610.13	3236.465
	0.091	-0.123	0.042		0.106	12	-1606	3236.467
		-0.263	-0.019	-0.024	0.097	13	-1604.96	3236.469
	-0.046	-0.166		-0.01	0.105	13	-1604.96	3236.472
	0.039	-0.208	0.018		0.097	13	-1604.97	3236.475
-0.076		-0.272		-0.022	0.153	13	-1604.97	3236.475
		-0.299		-0.025	0.097	13	-1604.97	3236.476
			0.025		0.107	8	-1610.13	3236.476
0.026		-0.267	-0.019	-0.024	0.077	13	-1604.97	3236.482
0.022	-0.05		-0.081		0.083	13	-1604.97	3236.483
					0.097	11	-1607.05	3236.483
		-0.28	-0.005	-0.023	0.097	13	-1604.97	3236.484
0.023		-0.167	-0.014	-0.018	0.082	14	-1603.93	3236.485
0.023		-0.229		-0.03	0.082	14	-1603.93	3236.487
-0.456					0.433	12	-1606.01	3236.488
			0.032		0.099	9	-1609.11	3236.489
0.026		-0.332	0.011	-0.028	0.078	13	-1604.97	3236.489
-0.508	0.026			0.002	0.472	12	-1606.01	3236.49
-0.566	0.026		-0.036		0.516	14	-1603.93	3236.49
0.026		-0.303		-0.025	0.078	13	-1604.97	3236.492
-0.669	0.032				0.592	14	-1603.93	3236.493
	0.052	-0.193	0.012		0.105	12	-1606.01	3236.493
		-0.13		-0.011	0.099	14	-1603.93	3236.493
		-0.268	-0.01	-0.021	0.097	13	-1604.98	3236.493
-0.506	0.037		0.006	0.004	0.47	12	-1606.02	3236.494
0.024	-0.098	-0.215	-0.086	-0.04	0.081	14	-1603.93	3236.494
0.022	-0.024	-0.124	-0.015	-0.015	0.084	14	-1603.93	3236.495
-0.517	0.026		0.001		0.479	12	-1606.02	3236.495
-0.054		-0.266	-0.009	-0.021	0.137	13	-1604.98	3236.496
	0	-0.283		-0.022	0.097	13	-1604.98	3236.496
	0.12				0.099	12	-1606.02	3236.499
0.022	-0.117		-0.019	0.001	0.084	13	-1604.98	3236.5
0.026		-0.284	-0.005	-0.023	0.078	13	-1604.98	3236.5
		-0.204		-0.014	0.103	12	-1606.02	3236.501

		-0.258	-0.014	-0.02	0.097	13	-1604.98	3236.502
0.021	-0.07		-0.099	-0.026	0.086	13	-1604.98	3236.504
0.026	0	-0.311		-0.028	0.078	13	-1604.98	3236.504
		-0.11	0.005		0.107	13	-1604.98	3236.504
	0.008	-0.269	-0.009	-0.023	0.105	12	-1606.02	3236.505
0.026	0.038	-0.213	0.017		0.078	13	-1604.98	3236.505
0.024	-0.034	-0.152		-0.012	0.081	14	-1603.94	3236.505
		-0.276	-0.011	-0.023	0.105	12	-1606.02	3236.506
	0	-0.274	-0.009	-0.021	0.097	13	-1604.98	3236.507
	0.007	-0.248	-0.017	-0.02	0.105	12	-1606.02	3236.507
	-0.084		-0.078	-0.021	0.108	13	-1604.98	3236.507
	0.116			0.004	0.107	11	-1607.06	3236.508
				0.006	0.098	11	-1607.06	3236.508
		-0.289	-0.007	-0.025	0.105	12	-1606.02	3236.508
0.026		-0.273	-0.01	-0.021	0.078	13	-1604.98	3236.508
	0.014	-0.246	-0.015	-0.02	0.105	12	-1606.02	3236.51
		-0.253	-0.019	-0.021	0.105	12	-1606.02	3236.51
	-0.045	-0.175		-0.013	0.098	14	-1603.94	3236.51
		-0.25	-0.02	-0.021	0.105	12	-1606.02	3236.511
-0.873			-0.038	-0.035	0.743	15	-1602.9	3236.512
-0.095	0.023	-0.236		-0.017	0.166	13	-1604.98	3236.512
0.026	-0.002	-0.288		-0.022	0.078	13	-1604.98	3236.512
-0.09	0.024	-0.24	-0.005	-0.019	0.164	13	-1604.98	3236.512
	-0.075	-0.151	-0.092	-0.038	0.099	14	-1603.94	3236.513
	-0.074		-0.073	-0.021	0.108	13	-1604.99	3236.513
		-0.304		-0.026	0.105	12	-1606.02	3236.513
	0.016	-0.24	-0.016	-0.02	0.105	12	-1606.02	3236.513
-0.075	0.017	-0.249		-0.018	0.152	13	-1604.99	3236.513
	0.003	-0.297		-0.025	0.105	12	-1606.02	3236.513
			-0.055		0.101	14	-1603.94	3236.514
0.026		-0.262	-0.014	-0.02	0.078	13	-1604.99	3236.517
-0.102	0.03	-0.235		-0.018	0.172	13	-1604.99	3236.519
0.026	-0.002	-0.28	-0.009	-0.022	0.078	13	-1604.99	3236.519
	0.014	-0.255	-0.009	-0.021	0.097	13	-1604.99	3236.519
0.023	-0.032	-0.16	-0.069	-0.034	0.082	14	-1603.95	3236.52
0.023		-0.165		-0.015	0.082	14	-1603.95	3236.521
-0.089		-0.244	-0.016	-0.023	0.163	13	-1604.99	3236.522
	0.117		-0.001		0.107	11	-1607.07	3236.525
-0.058		-0.262		-0.018	0.139	13	-1604.99	3236.526
-0.297	-0.078	-0.1	-0.006		0.317	14	-1603.95	3236.527
	0.011	-0.263		-0.018	0.097	13	-1604.99	3236.529
	-0.042	-0.145	-0.085	-0.032	0.099	14	-1603.95	3236.53
		-0.257	-0.026	-0.025	0.105	12	-1606.03	3236.531
	-0.021		-0.019	-0.005	0.109	13	-1604.99	3236.531
0.025	0.01	-0.276	-0.004	-0.023	0.079	13	-1604.99	3236.532
0.022	0.028		-0.037		0.085	13	-1604.99	3236.532
-0.147		-0.202			0.206	13	-1604.99	3236.532
		-0.108		-0.014	0.105	12	-1606.04	3236.535

		-0.137		-0.013	0.1	14	-1603.95	3236.535
	0.016	-0.265		-0.02	0.105	12	-1606.04	3236.535
	-0.05	-0.152	-0.089	-0.033	0.099	14	-1603.95	3236.536
			0.027		0.107	8	-1610.16	3236.536
	0.065	-0.138		-0.017	0.106	12	-1606.04	3236.537
		-0.126	-0.004	-0.011	0.1	14	-1603.96	3236.538
			0.002		0.098	11	-1607.07	3236.539
	0.084		0.092		0.099	10	-1608.11	3236.539
0.025	0.014	-0.259	-0.009	-0.021	0.079	13	-1605	3236.539
	0.001				0.098	11	-1607.07	3236.54
		-0.173	0.012	-0.016	0.099	14	-1603.96	3236.541
		-0.172	0.012	-0.016	0.1	14	-1603.96	3236.541
	0.021	-0.256	-0.006	-0.02	0.097	13	-1605	3236.541
	0.028	-0.246	-0.01	-0.02	0.105	12	-1606.04	3236.541
	0.098				0.106	10	-1608.11	3236.544
0.023	0.129		0.018		0.082	12	-1606.04	3236.544
0.026	0.009	-0.269		-0.018	0.077	13	-1605	3236.545
	0.022	-0.251		-0.017	0.097	13	-1605	3236.545
		-0.148	-0.035	-0.028	0.1	14	-1603.96	3236.546
				0.013	0.107	9	-1609.14	3236.548
					0.108	8	-1610.17	3236.548
				0.011	0.099	10	-1608.11	3236.55
	0.072			0.001	0.107	11	-1607.08	3236.55
-0.435			-0.074		0.419	14	-1603.96	3236.551
	0.11			0.002	0.1	12	-1606.04	3236.552
0.023		-0.157	-0.032	-0.021	0.082	14	-1603.96	3236.552
			0.018		0.107	8	-1610.17	3236.552
	0.016	-0.252	-0.013	-0.019	0.105	12	-1606.04	3236.554
0.025	0.019	-0.255	-0.008	-0.021	0.079	13	-1605.01	3236.555
-0.14	0.03	-0.182			0.201	13	-1605.01	3236.556
-0.092		-0.218	0.011		0.164	13	-1605.01	3236.557
-0.169	0.043	-0.167			0.222	13	-1605.01	3236.557
	0.132			0.01	0.099	12	-1606.05	3236.557
0.026	0.02	-0.26	-0.007	-0.02	0.078	13	-1605.01	3236.559
-0.497			-0.016		0.465	12	-1606.05	3236.561
0.025	0.021	-0.251	-0.009	-0.02	0.079	13	-1605.01	3236.561
-0.689		0.078	-0.077		0.607	14	-1603.97	3236.561
		-0.146	-0.063	-0.028	0.106	13	-1605.01	3236.565
-0.78	-0.073		-0.108	-0.04	0.674	15	-1602.92	3236.565
		-0.148	-0.062	-0.028	0.106	13	-1605.01	3236.565
0.026	0.021	-0.255		-0.017	0.078	13	-1605.01	3236.565
		-0.14	-0.066	-0.027	0.106	13	-1605.01	3236.565
	0.089			0	0.106	12	-1606.05	3236.566
	0.107		0.037		0.1	12	-1606.05	3236.566
	-0.092	-0.416	0.047	-0.043	0.105	13	-1605.01	3236.568
		-0.127	-0.07	-0.026	0.107	13	-1605.01	3236.568
	0.034	-0.24		-0.017	0.105	12	-1606.05	3236.568
0.023	-0.003	-0.124		-0.011	0.082	14	-1603.97	3236.573

0.023		-0.135		-0.011	0.082	14	-1603.97	3236.574
			0.032	0.01	0.107	8	-1610.18	3236.574
0.025	-0.046	-0.18		-0.013	0.079	14	-1603.98	3236.577
-0.628		-0.031			0.562	14	-1603.98	3236.579
		-0.113	-0.074	-0.023	0.106	13	-1605.02	3236.583
	-0.033	-0.162	-0.003		0.106	13	-1605.02	3236.585
	-0.041		-0.054		0.101	14	-1603.98	3236.586
	-0.031	-0.162			0.106	13	-1605.02	3236.586
			0.028	0.01	0.107	8	-1610.19	3236.591
-0.567				-0.006	0.513	13	-1605.02	3236.591
			-0.017		0.097	11	-1607.1	3236.591
	-0.035	-0.161	-0.008		0.106	13	-1605.02	3236.592
					0.1	9	-1609.16	3236.593
	0.031	-0.235		-0.015	0.105	12	-1606.07	3236.594
	0.012	-0.217			0.098	13	-1605.03	3236.594
	0.137		0.01	0.006	0.107	11	-1607.1	3236.597
0.021			-0.059	-0.008	0.086	14	-1603.99	3236.601
	-0.031	-0.166	0.004		0.106	13	-1605.03	3236.603
0.023	0.122				0.082	12	-1606.07	3236.603
0.022			-0.057		0.085	14	-1603.99	3236.605
-0.517			-0.012	-0.002	0.479	12	-1606.07	3236.606
-0.506			-0.011		0.471	12	-1606.07	3236.607
	-0.008	-0.141	-0.074	-0.032	0.107	13	-1605.03	3236.607
		-0.16	-0.045	-0.026	0.099	14	-1603.99	3236.608
0.023		-0.142		-0.013	0.083	14	-1603.99	3236.608
-0.042		-0.26	-0.018	-0.023	0.128	13	-1605.03	3236.61
0.023		-0.131	-0.004	-0.011	0.083	14	-1603.99	3236.611
					0.106	10	-1608.14	3236.611
	0.029				0.097	11	-1607.11	3236.613
0.023		-0.177	0.012	-0.016	0.083	14	-1603.99	3236.615
-0.064		-0.243		-0.016	0.143	13	-1605.04	3236.616
0.023		-0.126	-0.006	-0.01	0.083	14	-1603.99	3236.616
		-0.104		-0.012	0.098	13	-1605.04	3236.618
					0.1	10	-1608.15	3236.619
-0.697			-0.047	-0.027	0.614	15	-1602.95	3236.62
-0.48			-0.018		0.451	12	-1606.08	3236.621
0.025	0.011	-0.221			0.08	13	-1605.04	3236.622
		-0.144	-0.054	-0.01	0.105	12	-1606.08	3236.622
			0.063	0.03	0.107	9	-1609.18	3236.622
0.026	-0.096	-0.438		-0.059	0.078	14	-1604	3236.623
	0.038	-0.142	-0.036	-0.01	0.106	12	-1606.08	3236.626
-0.096		-0.257	-0.029	-0.034	0.168	13	-1605.04	3236.627
		-0.053	-0.023		0.1	14	-1604	3236.633
0.024	-0.05	-0.157	-0.088	-0.033	0.081	14	-1604	3236.634
		-0.329	0.059	-0.034	0.106	13	-1605.05	3236.635
	0.013				0.099	10	-1608.16	3236.639
			0.074		0.108	8	-1610.21	3236.642
				0.008	0.106	10	-1608.16	3236.644

0.024	0.133			0.01	0.081	12	-1606.09	3236.644
					0.099	10	-1608.16	3236.644
0.025	-0.088	-0.419	0.05	-0.044	0.079	14	-1604.01	3236.646
	-0.092	-0.425		-0.056	0.104	13	-1605.05	3236.647
	0.057			0.009	0.107	9	-1609.19	3236.647
	0.012			0.002	0.108	13	-1605.05	3236.652
	0.021				0.107	9	-1609.19	3236.653
	0.13		-0.005		0.099	12	-1606.1	3236.656
		-0.151	-0.053	-0.027	0.099	14	-1604.02	3236.659
0.023	0.11			0.002	0.083	12	-1606.1	3236.659
		-0.158	0.008		0.106	13	-1605.06	3236.66
	0.011				0.108	13	-1605.06	3236.66
-0.659	-0.011	0.048	-0.067		0.585	14	-1604.02	3236.662
	-0.007	-0.162	0.014		0.107	13	-1605.06	3236.662
0.022	-0.042		-0.056		0.085	14	-1604.02	3236.662
				0.002	0.108	13	-1605.06	3236.663
					0.097	11	-1607.14	3236.665
	-0.021	-0.102			0.1	14	-1604.02	3236.665
-0.807		-0.065		-0.036	0.694	15	-1602.98	3236.668
	0.047				0.107	9	-1609.2	3236.668
-0.667		0.049	-0.062		0.59	14	-1604.02	3236.669
	-0.023	-0.105			0.1	14	-1604.02	3236.671
-0.504				0.002	0.469	12	-1606.1	3236.672
					0.107	9	-1609.2	3236.674
	0.028	-0.134	-0.037		0.105	12	-1606.11	3236.675
	0.009			0	0.108	13	-1605.07	3236.676
	-0.03	-0.105	-0.003		0.1	14	-1604.02	3236.676
0.024		-0.202	-0.02	-0.024	0.081	14	-1604.02	3236.676
	0.001			0.005	0.107	13	-1605.07	3236.679
	0.085			0.015	0.105	11	-1607.14	3236.682
-0.524	0.006		-0.059		0.485	14	-1604.03	3236.682
-0.515				-0.001	0.477	12	-1606.11	3236.683
0.023	-0.037	-0.169	-0.076	-0.036	0.082	14	-1604.03	3236.683
				0.002	0.107	8	-1610.24	3236.684
					0.107	8	-1610.24	3236.684
0.023	-0.019	-0.15	-0.07	-0.031	0.082	14	-1604.03	3236.686
-1.167				-0.04	0.958	14	-1604.03	3236.687
0.021		-0.035	-0.032		0.085	14	-1604.03	3236.687
-0.376		-0.072			0.375	12	-1606.11	3236.689
	0.018				0.108	8	-1610.24	3236.691
	0.009				0.106	10	-1608.18	3236.696
					0.106	10	-1608.18	3236.696
		-0.092			0.1	14	-1604.03	3236.697
			-0.003		0.106	10	-1608.19	3236.699
		-0.138	-0.051	-0.008	0.098	13	-1605.08	3236.7
0.023	0.106		0.036		0.083	12	-1606.12	3236.702
0.022		-0.057	-0.023		0.084	14	-1604.04	3236.705
			-0.039	0.001	0.101	14	-1604.04	3236.706

0.023		-0.165	-0.044	-0.026	0.082	14	-1604.04	3236.706
			0.035	0.009	0.099	9	-1609.22	3236.708
-0.465	0.042	-0.076		-0.012	0.439	14	-1604.04	3236.709
-0.572				-0.003	0.517	13	-1605.08	3236.709
-0.041		-0.254		-0.018	0.125	13	-1605.08	3236.711
0.021	0.001		-0.045		0.086	14	-1604.04	3236.714
		-0.092	-0.003		0.1	14	-1604.04	3236.715
	0.004	-0.15	-0.054	-0.03	0.099	14	-1604.04	3236.717
	0.096	-0.124	0.026	-0.01	0.099	13	-1605.09	3236.717
-0.545	-0.012		-0.06		0.501	14	-1604.05	3236.718
		-0.125	-0.053		0.105	12	-1606.13	3236.723
				0.019	0.105	10	-1608.2	3236.724
-0.644	0.074	0.02			0.574	14	-1604.05	3236.726
	0.053	-0.126	-0.028		0.106	12	-1606.13	3236.727
0.023	-0.041	-0.165	-0.078	-0.035	0.083	14	-1604.05	3236.727
0.021	0.064		0.073		0.085	10	-1608.2	3236.727
	0.093		-0.011	0.015	0.105	11	-1607.17	3236.729
	0.017				0.108	8	-1610.26	3236.73
			0.031	0.011	0.107	8	-1610.26	3236.73
	0.026			0.006	0.108	8	-1610.26	3236.732
0.023	-0.022	-0.107			0.083	14	-1604.06	3236.739
			0.034	0.012	0.107	8	-1610.26	3236.74
	-0.052	-0.12	-0.015		0.099	14	-1604.06	3236.743
			-0.111	-0.014	0.107	13	-1605.1	3236.746
	0.021	-0.13	-0.038		0.098	13	-1605.1	3236.746
0.023	-0.024	-0.111			0.083	14	-1604.06	3236.749
0.023	-0.031	-0.11	-0.003		0.084	14	-1604.06	3236.75
				0.025	0.097	11	-1607.18	3236.751
0.024	0.13		-0.006		0.082	12	-1606.14	3236.752
	-0.037	-0.126			0.099	14	-1604.06	3236.753
	0.022				0.108	8	-1610.27	3236.754
-0.799	-0.076		-0.116	-0.042	0.688	15	-1603.02	3236.758
0.023		-0.156	-0.052	-0.027	0.082	14	-1604.07	3236.758
-0.638			-0.057	-0.024	0.57	15	-1603.02	3236.76
	0.066			-0.005	0.1	13	-1605.11	3236.76
0.022	-0.002	-0.061	-0.015		0.085	14	-1604.07	3236.761
				0.004	0.107	8	-1610.28	3236.762
	0.021				0.108	8	-1610.28	3236.763
					0.107	8	-1610.28	3236.765
					0.108	9	-1609.25	3236.768
0.023	-0.028	-0.148	-0.08	-0.033	0.083	14	-1604.07	3236.768
		-0.145	-0.041		0.097	13	-1605.11	3236.769
	-0.014		-0.117	-0.021	0.108	13	-1605.11	3236.77
	0.075		0.042	0.018	0.107	11	-1607.19	3236.771
0.022	-0.01	-0.087	-0.008		0.085	14	-1604.07	3236.772
0.023		-0.096			0.083	14	-1604.07	3236.775
0.025		-0.149	-0.041		0.079	13	-1605.12	3236.782
				0.004	0.107	8	-1610.29	3236.784

	0.082		0.089		0.107	9	-1609.26	3236.784
	0.09		0.1	0.032	0.099	10	-1608.23	3236.785
			0.032		0.099	9	-1609.26	3236.785
0.022			-0.041	0.002	0.085	14	-1604.08	3236.786
	0.051		0.014	0.013	0.106	11	-1607.2	3236.788
-0.548			-0.033	-0.017	0.502	12	-1606.16	3236.789
0.022	-0.002	-0.091			0.084	14	-1604.08	3236.79
	0.09	-0.116	0.04		0.099	13	-1605.12	3236.791
-0.879	-0.014	0.068	-0.098	-0.034	0.748	15	-1603.04	3236.791
	0.07				0.1	13	-1605.13	3236.793
0.022		-0.097	-0.002		0.084	14	-1604.09	3236.799
	-0.043	-0.137	0.005		0.099	14	-1604.09	3236.801
					0.107	8	-1610.29	3236.802
-0.482				0.001	0.451	12	-1606.17	3236.806
	0.092	-0.116	0.003	-0.006	0.106	12	-1606.17	3236.809
-0.908				-0.031	0.77	15	-1603.05	3236.812
	0.027		-0.044		0.101	13	-1605.14	3236.815
	-0.036	-0.157	-0.003		0.099	14	-1604.09	3236.817
	0.077			-0.001	0.099	13	-1605.14	3236.818
0.023	0.004	-0.155	-0.053	-0.03	0.083	14	-1604.1	3236.818
		-0.169	-0.052	-0.028	0.099	14	-1604.1	3236.819
				0.004	0.107	8	-1610.3	3236.819
	-0.034	-0.157			0.099	14	-1604.1	3236.819
	-0.04	-0.156	-0.004		0.099	14	-1604.1	3236.821
0.023	-0.053	-0.126	-0.014		0.082	14	-1604.1	3236.822
-0.998	-0.012			-0.036	0.836	15	-1603.05	3236.823
		-0.33	0.059	-0.032	0.098	14	-1604.1	3236.823
-0.603	0.134		0.053		0.543	13	-1605.14	3236.823
	0.05	-0.178			0.105	12	-1606.18	3236.826
-0.766	-0.079		-0.119	-0.041	0.664	15	-1603.05	3236.827
			0.027		0.107	8	-1610.31	3236.827
		-0.154	-0.057	-0.027	0.099	14	-1604.1	3236.828
		-0.307		-0.042	0.106	13	-1605.14	3236.83
0.023	-0.039	-0.132			0.083	14	-1604.1	3236.831
-0.609	0.063			-0.008	0.546	14	-1604.1	3236.836
	0.037	-0.187			0.097	13	-1605.15	3236.837
		-0.141	-0.061	-0.026	0.099	14	-1604.11	3236.837
				0.005	0.107	8	-1610.31	3236.839
	-0.036	-0.161	0.002		0.099	14	-1604.11	3236.839
-0.869		0.065	-0.086	-0.032	0.741	15	-1603.06	3236.84
-0.709	0.033	0.059	-0.049		0.622	14	-1604.11	3236.842
		-0.142	-0.061	-0.025	0.099	14	-1604.11	3236.842
-0.813	-0.078	0.012	-0.118	-0.041	0.699	15	-1603.07	3236.848
	0.022				0.1	9	-1609.29	3236.849
0.025	0.09			0.015	0.08	12	-1606.19	3236.85
0.021	-0.005		-0.036	-0.002	0.086	14	-1604.11	3236.853
	0.002	-0.144		-0.026	0.1	14	-1604.11	3236.856
0.021				-0.001	0.085	10	-1608.27	3236.858

0.021			0		0.085	10	-1608.27	3236.86
0.026	0.036	-0.192			0.078	13	-1605.16	3236.86
-0.675		0.036	-0.054		0.597	14	-1604.12	3236.861
			0.009	0.001	0.107	9	-1609.3	3236.862
-0.377		-0.131		-0.015	0.373	14	-1604.12	3236.863
	0.076		0.02		0.106	10	-1608.27	3236.863
	-0.042		-0.033	-0.001	0.109	11	-1607.24	3236.868
					0.107	9	-1609.3	3236.87
0.023	-0.044	-0.141	0.004		0.082	14	-1604.12	3236.87
				0.003	0.107	8	-1610.33	3236.872
-0.588	0.014		-0.044		0.533	14	-1604.12	3236.873
-0.832	-0.051	0.053	-0.121	-0.037	0.712	15	-1603.08	3236.873
-0.711	-0.03		-0.099	-0.036	0.623	15	-1603.08	3236.875
0.025	0.054	-0.153	-0.013		0.08	13	-1605.17	3236.878
-0.844		0.06	-0.085	-0.03	0.721	15	-1603.08	3236.878
-0.796		0.044	-0.073	-0.027	0.686	15	-1603.08	3236.878
-0.125	0.038	-0.191	0.01		0.19	13	-1605.17	3236.881
-0.092	0.016	-0.199			0.165	13	-1605.17	3236.882
0.025	0.097		-0.006	0.015	0.08	12	-1606.21	3236.882
-0.115	0.038	-0.195	0.01		0.182	13	-1605.17	3236.882
-0.131	0.045	-0.188	0.011		0.193	13	-1605.17	3236.884
	0.043	-0.194	0.003		0.105	12	-1606.21	3236.886
		-0.125	0.009		0.1	14	-1604.13	3236.886
	0.162				0.109	9	-1609.31	3236.891
	0.066	-0.13		-0.015	0.099	13	-1605.17	3236.892
-0.686	0.016	0.049	-0.051		0.606	14	-1604.13	3236.892
0.024		-0.332	0.058	-0.032	0.081	14	-1604.13	3236.893
					0.1	9	-1609.31	3236.896
	0.114		0.005		0.1	12	-1606.22	3236.896
	0.039				0.106	10	-1608.29	3236.898
			-0.02		0.106	10	-1608.29	3236.898
	0.027	-0.205	0		0.105	12	-1606.22	3236.899
	0.106			0.002	0.1	12	-1606.22	3236.899
				-0.009	0.107	12	-1606.22	3236.9
	0.061			0.002	0.1	12	-1606.22	3236.903
	0.05	-0.196	0.004		0.105	12	-1606.22	3236.905
-0.108	0.04	-0.186			0.177	13	-1605.18	3236.905
	-0.047			0.023	0.097	11	-1607.26	3236.905
	0.055		0.021	0.013	0.098	12	-1606.22	3236.907
	0.019	-0.215	0.003		0.097	13	-1605.18	3236.908
	0.049		0.017	0.015	0.106	11	-1607.26	3236.909
-0.497			-0.02	-0.003	0.464	12	-1606.22	3236.912
		-0.152	0.006		0.099	14	-1604.14	3236.913
-0.07		-0.206	-0.004		0.149	13	-1605.19	3236.913
	0.067		-0.017		0.105	11	-1607.26	3236.915
0.022	-0.015	-0.119	0.004		0.084	14	-1604.14	3236.916
0.024		-0.175	-0.051	-0.028	0.082	14	-1604.14	3236.916
			0.038		0.107	9	-1609.33	3236.919

-0.482			-0.019		0.453	12	-1606.23	3236.919
	0.131		0.016	0.007	0.1	12	-1606.23	3236.92
	0.039	-0.209	0.007		0.097	13	-1605.19	3236.923
		-0.302		-0.04	0.098	14	-1604.15	3236.925
0.023		-0.16	-0.056	-0.027	0.082	14	-1604.15	3236.925
-0.13	0.03	-0.184			0.194	13	-1605.19	3236.925
-0.068		-0.206			0.147	13	-1605.19	3236.927
0.022	0.066			-0.004	0.084	13	-1605.19	3236.927
0.026	0.017	-0.219	0.003		0.078	13	-1605.19	3236.928
0.024		-0.166	-0.053	-0.026	0.081	14	-1604.15	3236.929
-0.703	-0.061		-0.118	-0.037	0.617	15	-1603.11	3236.93
0.023		-0.147	-0.06	-0.025	0.082	14	-1604.16	3236.938
	0.034	-0.213	0.01		0.097	13	-1605.2	3236.939
-0.53	-0.121		-0.021	-0.007	0.489	14	-1604.16	3236.94
-0.527			-0.015	-0.005	0.486	12	-1606.24	3236.944
0.025	0.037	-0.213	0.007		0.078	13	-1605.2	3236.945
			-0.035	-0.014	0.108	13	-1605.2	3236.946
	0.007			0.007	0.108	8	-1610.37	3236.947
	0.09		0.097	0.033	0.107	9	-1609.34	3236.948
0.022	0.071				0.083	13	-1605.2	3236.949
	0.048		0.021	0.016	0.106	11	-1607.28	3236.954
					0.107	10	-1608.31	3236.955
	0.046				0.107	10	-1608.32	3236.957
	-0.026		-0.114		0.107	13	-1605.21	3236.961
0.021	0.028		-0.045		0.085	13	-1605.21	3236.962
	0.079	-0.123		-0.002	0.106	12	-1606.25	3236.964
0.025	0.033	-0.218	0.01		0.079	13	-1605.21	3236.964
			-0.031	-0.01	0.102	14	-1604.17	3236.969
0.023		-0.131	0.01		0.083	14	-1604.17	3236.969
				0.001	0.1	9	-1609.35	3236.97
	0.089		0.093		0.107	9	-1609.35	3236.971
-0.518	0.054	-0.026			0.479	14	-1604.17	3236.972
0.023	0.078			-0.001	0.083	13	-1605.21	3236.972
	-0.001	-0.155	-0.062	-0.032	0.1	14	-1604.17	3236.972
	0.034		-0.086		0.106	12	-1606.26	3236.975
	0.094		0.091		0.107	9	-1609.36	3236.978
	0.056	-0.139	-0.016	-0.012	0.106	12	-1606.26	3236.985
-0.085		-0.216	0.003		0.16	13	-1605.23	3236.993
		0.028	-0.113		0.107	13	-1605.23	3236.993
	0.091	-0.112	0.008	-0.006	0.098	13	-1605.23	3236.995
		-0.133	0.015	-0.02	0.106	12	-1606.27	3236.996
	0.162				0.101	10	-1608.34	3237
			-0.097	0.006	0.106	12	-1606.27	3237.003
0.022	0.107			0.003	0.084	12	-1606.27	3237.005
0.022	0.115		0.005		0.084	12	-1606.27	3237.005
-0.064		-0.225	0.003		0.144	13	-1605.24	3237.014
	-0.056		-0.036		0.108	13	-1605.24	3237.016
	0.071			0.002	0.107	10	-1608.35	3237.02

0.023	0.06			0.002	0.083	12	-1606.28	3237.021
0.024	0.055		0.021	0.013	0.081	12	-1606.28	3237.021
-0.052		-0.209	-0.009		0.135	13	-1605.24	3237.022
0.024		-0.306		-0.04	0.08	14	-1604.2	3237.023
	0.074		-0.061	0.006	0.106	12	-1606.28	3237.023
-0.518				0.001	0.479	12	-1606.28	3237.025
0.023	0.131		0.016	0.007	0.083	12	-1606.28	3237.026
				0.01	0.108	8	-1610.41	3237.027
	0.095		0.098	0.031	0.107	9	-1609.38	3237.029
					0.105	10	-1608.35	3237.033
-0.883			-0.07	-0.039	0.75	15	-1603.16	3237.046
	0.079		0.068	0.032	0.107	10	-1608.36	3237.049
	0.031			0.004	0.106	12	-1606.29	3237.052
				0.018	0.097	12	-1606.3	3237.057
0.02	-0.061		-0.048	-0.014	0.088	14	-1604.22	3237.058
	0.072	-0.118		-0.001	0.098	13	-1605.26	3237.059
			0.06		0.099	10	-1608.37	3237.061
	0.024			0.01	0.108	9	-1609.4	3237.061
	0.091		0.097	0.031	0.107	9	-1609.4	3237.068
0.023	-0.001	-0.161	-0.061	-0.032	0.083	14	-1604.22	3237.071
	0.002			0.007	0.108	8	-1610.43	3237.075
0.024	0.073		-0.014		0.08	12	-1606.31	3237.09
	-0.078		-0.068	-0.02	0.102	14	-1604.23	3237.093
-0.878	-0.013	0.065	-0.104	-0.036	0.747	15	-1603.19	3237.096
	-0.007		0.057		0.098	10	-1608.39	3237.099
	-0.016		-0.019		0.102	14	-1604.24	3237.101
-0.189		-0.175	0.012	-0.009	0.236	14	-1604.24	3237.102
				0.004	0.108	8	-1610.45	3237.107
-0.162			-0.086		0.217	13	-1605.28	3237.109
	0.103		0.025		0.106	10	-1608.39	3237.112
0.02			-0.031	-0.01	0.088	14	-1604.24	3237.113
				0.008	0.1	9	-1609.43	3237.12
				0.027	0.106	10	-1608.4	3237.121
-0.84		0.05	-0.091	-0.032	0.719	15	-1603.2	3237.123
	-0.077	-0.378		-0.046	0.106	13	-1605.29	3237.124
	0.01			0.007	0.108	8	-1610.46	3237.124
	0.14				0.108	9	-1609.43	3237.127
-0.844		0.055	-0.093	-0.032	0.722	15	-1603.21	3237.13
	0.077		0.081	0.025	0.107	9	-1609.43	3237.131
			-0.106	-0.012	0.1	14	-1604.25	3237.133
	0.009			0.003	0.101	14	-1604.25	3237.136
0.024	0.05		0.022	0.015	0.08	12	-1606.34	3237.137
			0.012		0.107	10	-1608.41	3237.138
0.026				0.019	0.078	12	-1606.34	3237.139
				0.003	0.101	14	-1604.26	3237.14
				0.018	0.105	11	-1607.37	3237.142
	0.077		0.079	0.02	0.107	9	-1609.44	3237.149
			-0.092	0.007	0.098	13	-1605.3	3237.151

	0.007				0.101	14	-1604.26	3237.152
	0.027			0.027	0.097	11	-1607.38	3237.154
	0.104			0.004	0.106	12	-1606.35	3237.158
			0.032	0.028	0.097	11	-1607.38	3237.161
	0.027		-0.084		0.098	13	-1605.31	3237.166
	0.062	-0.157		-0.017	0.106	13	-1605.31	3237.167
				-0.005	0.107	10	-1608.42	3237.169
-0.276		-0.191		-0.035	0.3	13	-1605.31	3237.17
	-0.016			-0.006	0.108	13	-1605.31	3237.171
0.025			-0.093	0.007	0.08	13	-1605.32	3237.177
			0.032	0.03	0.097	11	-1607.39	3237.178
	-0.021		-0.013	-0.004	0.102	14	-1604.28	3237.179
	0.089	-0.121	-0.007	-0.007	0.106	12	-1606.36	3237.183
	0.104				0.106	12	-1606.36	3237.185
-0.83		0.072	-0.098	-0.029	0.712	15	-1603.23	3237.185
-0.66	0.006			-0.017	0.587	15	-1603.23	3237.187
	-0.026		-0.113	-0.024	0.107	13	-1605.32	3237.189
-0.64		-0.008		-0.017	0.572	15	-1603.24	3237.19
	-0.027		-0.111	-0.024	0.107	13	-1605.32	3237.191
				-0.008	0.099	13	-1605.33	3237.197
0.024	0.049		0.027	0.016	0.081	12	-1606.37	3237.198
			-0.076		0.107	10	-1608.44	3237.199
			0.009	0.027	0.097	11	-1607.4	3237.199
	0.1			0.001	0.107	12	-1606.37	3237.202
0.024	0.026		-0.086		0.081	13	-1605.33	3237.204
				0.001	0.1	9	-1609.47	3237.204
	-0.101		-0.04		0.097	11	-1607.41	3237.205
				0.028	0.097	11	-1607.41	3237.213
	0.139		0.075	0.026	0.098	11	-1607.41	3237.218
	0.003			-0.001	0.101	14	-1604.3	3237.224
				0.026	0.097	11	-1607.42	3237.225
0.02	-0.016		-0.019		0.087	14	-1604.3	3237.23
	0.14				0.1	10	-1608.45	3237.234
	-0.082		-0.126	-0.027	0.108	13	-1605.35	3237.235
	0.009			0.005	0.1	9	-1609.49	3237.238
			-0.098	-0.021	0.107	13	-1605.35	3237.239
0.022			-0.107	-0.012	0.084	14	-1604.31	3237.24
0.022	0.007			0.005	0.085	14	-1604.31	3237.245
	0.111		0.059	0.027	0.106	10	-1608.46	3237.248
	-0.111				0.099	10	-1608.46	3237.249
0.022	0.01			0.004	0.085	14	-1604.31	3237.25
0.022				0.004	0.085	14	-1604.31	3237.252
	-0.044			0.025	0.106	10	-1608.46	3237.253
	0.057	-0.134	-0.01	-0.011	0.099	13	-1605.36	3237.253
	0.009			0.009	0.108	8	-1610.52	3237.254
	-0.088	-0.389		-0.046	0.098	14	-1604.31	3237.255
0.02	-0.078		-0.068	-0.019	0.087	14	-1604.32	3237.261
	-0.042		-0.105	-0.026	0.108	13	-1605.36	3237.264

	-0.032		-0.113		0.099	14	-1604.32	3237.265
			-0.003	0.005	0.108	9	-1609.5	3237.265
	-0.147				0.099	10	-1608.47	3237.266
0.022	0.008				0.085	14	-1604.32	3237.272
			0.057		0.107	9	-1609.5	3237.273
	0.029	0.01	-0.088		0.107	13	-1605.37	3237.274
0.02	-0.069		-0.068	-0.02	0.087	14	-1604.33	3237.281
0.022	0.08		0.053	0.02	0.083	12	-1606.41	3237.282
0.025	-0.088	-0.393		-0.046	0.08	14	-1604.33	3237.286
-0.668	0.091			-0.013	0.59	14	-1604.33	3237.29
-0.431	0.055	-0.093		-0.012	0.414	14	-1604.34	3237.3
	-0.009		0.053		0.107	9	-1609.52	3237.301
0.02	-0.021		-0.013	-0.004	0.087	14	-1604.34	3237.302
-0.491	0.121		0.022		0.46	13	-1605.38	3237.302
	-0.048				0.097	11	-1607.46	3237.307
0.017	0.054			0.007	0.092	11	-1607.46	3237.308
	0.01	-0.201		-0.016	0.096	14	-1604.34	3237.314
	0.05	-0.171		-0.018	0.098	14	-1604.34	3237.317
			-0.011		0.107	9	-1609.53	3237.318
	0.14		0.071	0.027	0.106	10	-1608.5	3237.325
0.024	0.078		-0.055	0.006	0.082	13	-1605.39	3237.326
			0.021	0.026	0.097	11	-1607.47	3237.326
0.024	0.037			0.004	0.081	13	-1605.39	3237.329
	-0.021				0.097	11	-1607.47	3237.332
	0.147		0.055		0.098	11	-1607.47	3237.332
-0.821		-0.187		-0.054	0.703	15	-1603.31	3237.336
		-0.001	-0.098		0.099	14	-1604.35	3237.336
	0.105			0.005	0.107	10	-1608.51	3237.338
	0.082			-0.001	0.107	12	-1606.44	3237.343
0.023	-0.033		-0.115		0.082	14	-1604.36	3237.345
				-0.004	0.107	9	-1609.54	3237.346
	0.096			0.004	0.099	13	-1605.4	3237.346
			-0.008		0.097	11	-1607.48	3237.347
	0.04	-0.096	-0.004	0	0.105	12	-1606.44	3237.347
	-0.106				0.107	9	-1609.54	3237.347
	0.076		0.083		0.107	9	-1609.54	3237.351
0.021	0.003			-0.001	0.086	14	-1604.36	3237.354
	0.117		0.071		0.107	9	-1609.55	3237.358
	0.096		0.062	0.028	0.106	10	-1608.52	3237.361
					0.097	11	-1607.48	3237.361
		-0.125	0.013	-0.018	0.099	13	-1605.41	3237.364
	-0.017		-0.086	-0.024	0.108	13	-1605.41	3237.366
0.022	-0.006		-0.109	-0.019	0.085	14	-1604.37	3237.368
	0.096				0.099	13	-1605.42	3237.376
0.023				-0.007	0.083	13	-1605.42	3237.382
0.026	0.009	-0.207		-0.016	0.077	14	-1604.38	3237.383
	0.089	-0.114	-0.004	-0.006	0.098	13	-1605.42	3237.387
			-0.029	-0.001	0.107	11	-1607.5	3237.393

	0.009	-0.128	-0.019		0.106	13	-1605.43	3237.397
	0.01	-0.123	-0.02		0.106	13	-1605.43	3237.397
-0.729		0.105	-0.035		0.639	15	-1603.34	3237.4
0.024	0.049	-0.177		-0.018	0.08	14	-1604.39	3237.4
-0.428	0.046	-0.096		-0.013	0.413	14	-1604.39	3237.401
	0.065		0.072		0.107	9	-1609.57	3237.404
		-0.131	-0.021		0.106	13	-1605.43	3237.404
-0.373		-0.156		-0.019	0.372	14	-1604.39	3237.407
	0.023	-0.13	-0.016	-0.011	0.106	12	-1606.47	3237.407
	0.009	-0.115	-0.029		0.106	13	-1605.43	3237.408
					0.107	9	-1609.57	3237.41
	0.055		0.008	0.009	0.107	11	-1607.51	3237.41
	0.031	-0.176		-0.013	0.105	13	-1605.43	3237.412
	0.066		0.083		0.099	10	-1608.54	3237.413
0.023		-0.007	-0.097		0.083	14	-1604.4	3237.42
	0.015	-0.149			0.106	13	-1605.44	3237.42
	0.044			0.008	0.107	11	-1607.51	3237.421
0.022			0.017	0.003	0.084	10	-1608.55	3237.426
			0.03	0.029	0.106	10	-1608.55	3237.429
	0.017	-0.102	-0.035		0.106	13	-1605.45	3237.433
	-0.14				0.107	9	-1609.58	3237.434
	-0.002		0.032	0.03	0.097	11	-1607.52	3237.437
	0.077			0.013	0.105	12	-1606.49	3237.438
-0.394	0.039	-0.106		-0.012	0.387	14	-1604.41	3237.439
			0.067	0.028	0.098	11	-1607.52	3237.441
				0	0.108	9	-1609.59	3237.448
-0.591	0.075			-0.011	0.534	13	-1605.46	3237.453
	0.026			0.029	0.106	10	-1608.57	3237.456
	0.09			0	0.099	13	-1605.46	3237.46
				0.004	0.106	11	-1607.53	3237.461
			-0.005	0.005	0.106	11	-1607.54	3237.462
	0.029		-0.002	0.011	0.106	11	-1607.54	3237.463
-0.217		-0.266		-0.035	0.258	14	-1604.42	3237.464
	0.148		0.051		0.107	10	-1608.57	3237.466
			0.03	0.031	0.106	10	-1608.57	3237.469
			-0.006		0.106	11	-1607.54	3237.471
-0.496	0.102			-0.004	0.464	13	-1605.47	3237.473
	0.197				0.108	10	-1608.57	3237.475
-0.317		-0.164		-0.015	0.329	14	-1604.43	3237.477
0.024	0.097			0.005	0.082	13	-1605.47	3237.478
			-0.012	0.005	0.106	11	-1607.54	3237.48
	0.05		0.001		0.107	11	-1607.55	3237.487
	-0.018	-0.127	-0.057		0.106	13	-1605.47	3237.488
-0.391	0.106				0.386	13	-1605.47	3237.489
-0.493	0.096				0.462	13	-1605.47	3237.491
			0.009	0.028	0.105	10	-1608.59	3237.496
	-0.055		-0.001	-0.005	0.108	13	-1605.48	3237.506
0.024	0.097				0.082	13	-1605.49	3237.514

				0.027	0.105	10	-1608.6	3237.517
				0.028	0.105	10	-1608.6	3237.52
	0.013		-0.005	0.012	0.106	11	-1607.57	3237.525
-0.612	0.077			-0.007	0.548	14	-1604.45	3237.525
	0.005	-0.087	-0.055		0.106	13	-1605.49	3237.532
-0.641	0.067				0.571	14	-1604.45	3237.532
	-0.027	-0.102	-0.059		0.106	13	-1605.5	3237.533
	-0.008			0.023	0.097	11	-1607.57	3237.534
				0.022	0.098	11	-1607.57	3237.536
	-0.036			0.024	0.097	11	-1607.57	3237.54
			-0.024	0.004	0.106	11	-1607.57	3237.54
	0.124		0.096	0.032	0.107	10	-1608.61	3237.541
	-0.062		-0.037		0.101	14	-1604.46	3237.543
-0.513	0.07	-0.035			0.476	14	-1604.46	3237.544
	0.133			0.001	0.109	9	-1609.64	3237.546
			-0.015	0.008	0.106	11	-1607.58	3237.55
			-0.032	-0.013	0.102	14	-1604.46	3237.555
	0.198				0.1	11	-1607.58	3237.559
			0.018	0.027	0.105	10	-1608.62	3237.56
-0.47	0.059	-0.052			0.443	14	-1604.47	3237.571
	0.07			0	0.099	13	-1605.52	3237.576
			0.11		0.108	9	-1609.65	3237.576
	-0.079	-0.133	-0.062	-0.027	0.107	14	-1604.48	3237.584
			0.032		0.097	11	-1607.6	3237.587
0.025	0.079			0.012	0.08	13	-1605.52	3237.588
0.022	0.085		0.08	0.035	0.084	11	-1607.6	3237.597
	-0.071	-0.182	-0.041	-0.033	0.107	14	-1604.49	3237.603
	0.064		0.079		0.107	9	-1609.67	3237.605
	-0.024	-0.124	-0.058		0.098	14	-1604.49	3237.606
0.023	0.09			0	0.083	13	-1605.53	3237.61
	-0.029		-0.106	-0.023	0.1	14	-1604.49	3237.61
	-0.098		-0.04		0.106	10	-1608.64	3237.611
			-0.004	0.005	0.098	12	-1606.58	3237.614
				0.005	0.098	12	-1606.58	3237.615
		-0.146	-0.013		0.098	14	-1604.49	3237.616
-0.506	-0.019		-0.023		0.473	15	-1603.45	3237.618
	0.066		0.079		0.107	9	-1609.68	3237.62
	0.001	-0.137	-0.02		0.098	14	-1604.5	3237.621
	0.006	-0.16			0.098	14	-1604.5	3237.626
0.02	-0.035		-0.021	0.002	0.087	12	-1606.58	3237.628
	0.064		0.078		0.107	9	-1609.68	3237.63
-0.468			-0.027		0.445	15	-1603.46	3237.63
	0.049		0.011	0.01	0.099	12	-1606.58	3237.632
			-0.005		0.098	12	-1606.59	3237.637
	0.005	-0.117	-0.025		0.099	14	-1604.51	3237.638
	-0.054	-0.126	-0.05	-0.026	0.107	14	-1604.51	3237.64
					0.107	9	-1609.69	3237.643
	0.036		0.007	0.011	0.099	12	-1606.59	3237.643

			0.065	0.03	0.106	10	-1608.66	3237.648
			-0.016	0.005	0.098	12	-1606.59	3237.65
					0.099	10	-1608.66	3237.654
	-0.023		-0.095	-0.026	0.108	13	-1605.56	3237.654
	0.031			0.009	0.099	12	-1606.59	3237.654
			-0.097	-0.019	0.1	14	-1604.52	3237.658
	0.01	-0.116	-0.031		0.098	14	-1604.52	3237.659
-0.618	0.067			-0.008	0.553	14	-1604.52	3237.661
	0.016	-0.124	-0.013	-0.01	0.099	13	-1605.56	3237.662
	0.132			-0.001	0.101	10	-1608.67	3237.663
	-0.091	-0.178	-0.066	-0.031	0.106	14	-1604.52	3237.665
	-0.087		-0.122	-0.026	0.1	14	-1604.52	3237.672
	-0.047	-0.104	-0.057	-0.024	0.107	14	-1604.52	3237.673
	0.074		0.039		0.097	11	-1607.64	3237.675
			-0.017		0.107	9	-1609.71	3237.685
0.021	-0.064		-0.038		0.086	14	-1604.53	3237.688
-0.446	0.053	-0.056			0.427	14	-1604.53	3237.688
	0		0.03	0.031	0.106	10	-1608.68	3237.689
	-0.044				0.106	10	-1608.68	3237.694
-0.698		0.054	-0.017		0.615	15	-1603.49	3237.695
	-0.092	-0.27	-0.033	-0.045	0.106	14	-1604.53	3237.695
0.024		-0.152	-0.012		0.081	14	-1604.54	3237.699
				0.023	0.106	10	-1608.69	3237.701
0.024	0.001	-0.143	-0.019		0.081	14	-1604.54	3237.704
-0.524	0.006			-0.007	0.485	15	-1603.49	3237.704
	0.003			0.023	0.106	10	-1608.69	3237.706
0.024	0.005	-0.165			0.081	14	-1604.54	3237.708
-0.513		-0.006		-0.007	0.477	15	-1603.5	3237.708
-0.461		-0.102			0.437	14	-1604.54	3237.71
	-0.022			-0.006	0.101	14	-1604.54	3237.713
0.024	0.012	-0.152	-0.004		0.081	14	-1604.54	3237.713
	-0.05		-0.104	-0.025	0.1	14	-1604.54	3237.713
			-0.021	0	0.1	12	-1606.63	3237.719
-0.557	-0.026		-0.019		0.51	15	-1603.5	3237.72
	0.043		0.003		0.099	12	-1606.63	3237.726
	-0.031	-0.117	-0.053		0.098	14	-1604.55	3237.727
0.02			-0.032	-0.013	0.087	14	-1604.55	3237.727
0.024			-0.004	0.006	0.081	12	-1606.63	3237.727
	0.033				0.097	11	-1607.67	3237.728
0.024				0.006	0.081	12	-1606.63	3237.73
-0.61		0.032			0.55	15	-1603.51	3237.731
-0.65	-0.045	0.045	-0.042		0.578	15	-1603.51	3237.731
0.023	0.07			0	0.082	13	-1605.6	3237.734
			-0.008	0.009	0.099	12	-1606.64	3237.737
0.024			-0.002	0.004	0.081	12	-1606.64	3237.738
	-0.071	-0.181	-0.055	-0.028	0.106	14	-1604.56	3237.741
-0.326		-0.217	0.069		0.338	14	-1604.56	3237.742
	-0.002	-0.105	-0.048		0.098	14	-1604.56	3237.742

			-0.034	0.005	0.106	11	-1607.68	3237.742
0.024	0.01	-0.122	-0.03		0.081	14	-1604.56	3237.743
	0.006		0	0.013	0.106	11	-1607.68	3237.744
0.024	0.048		0.011	0.011	0.082	12	-1606.64	3237.744
	-0.02				0.106	10	-1608.71	3237.746
0.024	0.036		0.007	0.011	0.081	12	-1606.64	3237.754
0.024			-0.016	0.006	0.08	12	-1606.65	3237.754
0.024			-0.008		0.081	12	-1606.65	3237.755
	0.122		0.063		0.098	11	-1607.68	3237.755
	0.107		0.055		0.098	11	-1607.68	3237.756
	0.019				0.107	9	-1609.74	3237.756
	0.007	-0.12	-0.035		0.106	13	-1605.61	3237.756
			-0.009		0.106	10	-1608.72	3237.756
0.023	0.031			0.009	0.082	12	-1606.65	3237.764
					0.106	10	-1608.72	3237.764
-0.537	-0.001				0.496	15	-1603.52	3237.765
	-0.032			0.026	0.106	10	-1608.72	3237.765
	0.016				0.107	9	-1609.75	3237.767
0.022	-0.028		-0.106	-0.022	0.084	14	-1604.57	3237.768
	-0.081	-0.272		-0.037	0.106	14	-1604.57	3237.771
-0.635	-0.002	0.026			0.568	15	-1603.53	3237.771
0.023	0.033	-0.028	-0.069		0.084	14	-1604.57	3237.771
0.022	-0.017		-0.105	-0.022	0.085	14	-1604.57	3237.773
					0.107	9	-1609.75	3237.773
				0	0.107	9	-1609.75	3237.774
-0.425	-0.046	-0.09		-0.018	0.413	15	-1603.53	3237.774
	0.018	-0.214		-0.016	0.096	14	-1604.57	3237.775
	-0.079	-0.303		-0.044	0.106	14	-1604.58	3237.778
0.021	0.019			0.008	0.086	10	-1608.73	3237.779
			0.021		0.097	11	-1607.7	3237.787
	0.122			0.015	0.106	12	-1606.66	3237.79
	0.024		0.008		0.097	11	-1607.7	3237.792
			0.014		0.097	11	-1607.7	3237.795
0.024	0.019		0.002	0.012	0.081	12	-1606.67	3237.797
					0.097	11	-1607.7	3237.798
-0.56	0.012	0.033			0.513	15	-1603.54	3237.801
			0.003		0.097	11	-1607.7	3237.802
-0.507	0.051		0.019	0.005	0.47	13	-1605.63	3237.804
	0.014				0.097	11	-1607.71	3237.804
0.024	-0.032	-0.123	-0.052		0.081	14	-1604.59	3237.805
	0.024				0.107	9	-1609.77	3237.806
0.022			-0.099	-0.019	0.084	14	-1604.59	3237.807
					0.107	9	-1609.77	3237.809
			-0.003		0.107	9	-1609.77	3237.812
-0.755			0.056		0.654	13	-1605.64	3237.813
				0	0.107	9	-1609.77	3237.814
	0.107		0.109	0.032	0.098	11	-1607.71	3237.815
	0.019		-0.074		0.107	13	-1605.64	3237.82

			-0.007		0.107	9	-1609.78	3237.824
0.024	-0.003	-0.112	-0.048		0.081	14	-1604.6	3237.824
	0.021				0.107	9	-1609.78	3237.825
0.023			-0.021	0	0.083	12	-1606.68	3237.827
			-0.029	0.006	0.098	12	-1606.68	3237.828
	0.025			0.001	0.107	9	-1609.78	3237.828
	0.1		0.04		0.106	10	-1608.75	3237.833
				0	0.107	9	-1609.78	3237.835
	0.001	-0.227		-0.019	0.097	14	-1604.6	3237.835
0.026	0.016	-0.22		-0.016	0.077	14	-1604.61	3237.837
0.022	-0.088		-0.123	-0.026	0.085	14	-1604.61	3237.841
-0.478	0.108		0.009		0.451	13	-1605.65	3237.841
	0.09		0.045		0.106	10	-1608.76	3237.843
0.024			-0.009	0.009	0.081	12	-1606.69	3237.844
-0.448	0.122		0.007		0.429	13	-1605.65	3237.845
	0.002		0.033		0.097	11	-1607.73	3237.845
0.023	0.041		0.002		0.082	12	-1606.69	3237.846
	0.087		0.04		0.106	10	-1608.76	3237.853
-0.483	-0.032		-0.015	-0.01	0.456	15	-1603.57	3237.855
	0.059	-0.176		-0.015	0.105	13	-1605.66	3237.856
-0.485	0.099			-0.004	0.457	13	-1605.66	3237.857
-0.434	0.118			0.001	0.418	13	-1605.66	3237.859
	-0.046	-0.18		-0.025	0.107	14	-1604.62	3237.862
	-0.113			0.015	0.1	10	-1608.77	3237.864
	0.017	-0.209		-0.017	0.105	13	-1605.67	3237.874
	0.046	-0.188		-0.015	0.097	14	-1604.62	3237.874
0.021	-0.023			-0.005	0.086	14	-1604.62	3237.875
	0.079		0.052		0.106	10	-1608.78	3237.884
0.022	-0.051		-0.104	-0.024	0.085	14	-1604.63	3237.885
0.021			0.005	0.006	0.085	10	-1608.78	3237.886
					0.107	9	-1609.81	3237.886
	0.023				0.1	10	-1608.78	3237.886
			0.04	0.022	0.098	11	-1607.75	3237.889
	-0.018		-0.077	-0.023	0.101	14	-1604.63	3237.89
-0.525	-0.02			-0.01	0.487	15	-1603.59	3237.891
			-0.002		0.107	9	-1609.81	3237.892
				0	0.107	9	-1609.81	3237.892
	0.109		0.051		0.106	10	-1608.78	3237.894
0.026	0	-0.234		-0.019	0.078	14	-1604.63	3237.896
	0.032	-0.233	0.055		0.106	13	-1605.68	3237.899
	0.037	-0.188		-0.013	0.105	13	-1605.68	3237.9
	0.123		0.058		0.106	10	-1608.79	3237.901
-0.482	0.121		0.013	0	0.454	13	-1605.68	3237.902
-0.463		-0.078	0.018	-0.016	0.441	15	-1603.59	3237.903
	0.054				0.107	9	-1609.82	3237.905
	-0.109			0.017	0.108	9	-1609.82	3237.905
-0.456		-0.031		-0.011	0.436	15	-1603.6	3237.91
	-0.028		-0.072	-0.013	0.108	14	-1604.64	3237.913

	0.112			0.015	0.098	13	-1605.69	3237.917
0.025			-0.03	0.007	0.08	12	-1606.73	3237.92
				-0.007	0.107	9	-1609.83	3237.922
-0.426	-0.016	-0.031		-0.008	0.414	15	-1603.6	3237.923
			-0.004		0.107	9	-1609.83	3237.923
			0.029		0.106	10	-1608.8	3237.924
				-0.001	0.107	9	-1609.83	3237.926
-0.45		-0.012	-0.006	-0.008	0.432	15	-1603.6	3237.926
-0.485			-0.004	-0.008	0.458	15	-1603.61	3237.928
	-0.001				0.097	11	-1607.77	3237.93
	-0.09	-0.173	-0.059	-0.031	0.099	15	-1603.61	3237.942
0.025	0.045	-0.194		-0.015	0.079	14	-1604.66	3237.943
			-0.074		0.097	12	-1606.74	3237.947
			-0.005		0.107	9	-1609.84	3237.948
	-0.041		-0.071		0.108	14	-1604.67	3237.958
			-0.003	-0.001	0.107	9	-1609.85	3237.963
			0.045		0.098	11	-1607.79	3237.964
		-0.096	-0.033	-0.017	0.107	14	-1604.67	3237.965
					0.1	10	-1608.82	3237.967
	-0.072	-0.147	-0.051	-0.027	0.1	15	-1603.63	3237.969
	-0.065	-0.16	-0.068	-0.038	0.107	14	-1604.68	3237.977
	-0.089	-0.316		-0.044	0.098	15	-1603.63	3237.982
		-0.049	-0.049	-0.01	0.107	14	-1604.68	3237.983
-0.404	-0.024		-0.016		0.398	15	-1603.64	3237.988
0.024	0.113			0.016	0.08	13	-1605.72	3237.989
	0.039				0.106	10	-1608.83	3237.99
	0.001	-0.142	-0.026		0.099	14	-1604.68	3237.991
		-0.133	-0.022	-0.021	0.107	14	-1604.68	3237.991
				-0.003	0.099	10	-1608.83	3237.993
			0.006		0.099	10	-1608.83	3237.996
	0.062	-0.118		-0.014	0.106	13	-1605.73	3238.003
-0.457		0.033	-0.015		0.438	15	-1603.64	3238.005
	-0.077	-0.175	-0.055	-0.028	0.099	15	-1603.64	3238.006
			0.036	0.023	0.106	10	-1608.84	3238.012
	-0.06	-0.163	-0.013	-0.019	0.107	14	-1604.69	3238.015
-0.466	-0.016	0.008	-0.004		0.444	15	-1603.65	3238.016
	-0.056	-0.126	-0.024	-0.015	0.107	14	-1604.69	3238.016
	-0.025	-0.146		-0.016	0.107	14	-1604.69	3238.017
	0.107		0.106	0.033	0.107	10	-1608.85	3238.021
			-0.062	-0.007	0.108	14	-1604.7	3238.022
-0.463	-0.01	0.005			0.441	15	-1603.65	3238.026
	-0.063	-0.192	-0.006	-0.022	0.107	14	-1604.7	3238.028
-0.264		-0.155		-0.015	0.289	14	-1604.7	3238.028
	-0.049	-0.166	-0.008	-0.02	0.107	14	-1604.7	3238.03
			0.062		0.098	11	-1607.82	3238.033
		-0.169	-0.013	-0.024	0.107	14	-1604.7	3238.033
	0.022	-0.242	0.056		0.098	14	-1604.7	3238.036
	-0.056	-0.191		-0.022	0.107	14	-1604.7	3238.036

-0.618	-0.034		0.01	-0.013	0.556	15	-1603.66	3238.042
0.023	-0.088	-0.294	-0.018	-0.045	0.082	15	-1603.66	3238.043
	0.071	-0.216	0.013	-0.018	0.106	13	-1605.75	3238.045
-0.255		-0.158		-0.012	0.284	14	-1604.71	3238.053
			0.016		0.106	10	-1608.86	3238.055
-0.409	-0.032	-0.086		-0.011	0.398	15	-1603.67	3238.06
		-0.167		-0.022	0.107	14	-1604.72	3238.062
0.023	-0.072	-0.152	-0.05	-0.026	0.083	15	-1603.67	3238.063
				0.028	0.1	11	-1607.84	3238.065
0.021	-0.016		-0.077	-0.023	0.086	14	-1604.72	3238.069
0.024	0	-0.148	-0.026		0.081	14	-1604.72	3238.071
	-0.08	-0.18	-0.087	-0.038	0.106	14	-1604.72	3238.071
0.024	-0.086	-0.311		-0.043	0.081	15	-1603.68	3238.076
0.024	-0.09	-0.321		-0.044	0.081	15	-1603.68	3238.078
0.023	0.01		0.008	0.013	0.082	12	-1606.81	3238.08
					0.106	10	-1608.88	3238.084
	-0.06		0.001	-0.003	0.101	14	-1604.73	3238.085
-0.188	0.049	-0.207		-0.022	0.236	14	-1604.73	3238.085
		0.01	-0.06		0.108	14	-1604.73	3238.086
			0.003		0.106	10	-1608.88	3238.089
0.025	0.021	-0.246	0.054		0.08	14	-1604.73	3238.092
-0.664				-0.013	0.587	13	-1605.78	3238.094
				0.003	0.107	9	-1609.92	3238.1
			0.016		0.106	10	-1608.89	3238.115
	0.015				0.106	10	-1608.9	3238.119
	-0.004	0.002	-0.049		0.108	14	-1604.75	3238.123
	0.004		0.063		0.098	11	-1607.87	3238.123
-0.712		0.192	-0.131		0.625	15	-1603.7	3238.127
	0.119				0.106	10	-1608.91	3238.136
	0.021		0.006		0.106	10	-1608.91	3238.137
	0.01				0.106	10	-1608.91	3238.138
	0.04	-0.156			0.105	13	-1605.8	3238.141
	0.002		0.031		0.106	10	-1608.91	3238.143
			-0.01		0.107	9	-1609.94	3238.144
	0.06	-0.228	0.014	-0.018	0.098	14	-1604.76	3238.147
	-0.037	-0.027	-0.044		0.107	14	-1604.76	3238.15
	0.012		-0.076		0.099	14	-1604.76	3238.151
			-0.005	0.002	0.107	9	-1609.95	3238.158
	0.137		0.02	0.008	0.107	12	-1606.85	3238.159
	0.003			0.003	0.107	9	-1609.95	3238.16
			0.04		0.106	10	-1608.92	3238.163
	-0.04		-0.054	-0.002	0.108	14	-1604.77	3238.165
		-0.21	-0.008	-0.031	0.107	14	-1604.77	3238.169
				-0.001	0.107	9	-1609.95	3238.171
			-0.081		0.106	11	-1607.89	3238.173
				0.029	0.108	10	-1608.92	3238.174
	0.098			0.011	0.107	9	-1609.95	3238.175
0.022	-0.045	-0.143	-0.042	-0.026	0.084	15	-1603.73	3238.181

0.025	0.058	-0.233	0.013	-0.018	0.079	14	-1604.78	3238.187
-0.094	0.014	-0.242		-0.018	0.165	14	-1604.78	3238.187
	0.057	-0.113		-0.012	0.098	14	-1604.78	3238.189
-0.073		-0.257	-0.002	-0.02	0.15	14	-1604.79	3238.2
	0.084			0.014	0.107	10	-1608.94	3238.2
	0.134		0.022		0.107	12	-1606.87	3238.201
-0.123	0.034	-0.221	0.004	-0.017	0.187	14	-1604.79	3238.204
	0.029	-0.166			0.097	14	-1604.79	3238.205
-0.262	-0.099	-0.146	-0.022	-0.018	0.291	15	-1603.74	3238.207
		-0.087	-0.015	-0.009	0.107	14	-1604.79	3238.209
	-0.023		-0.088	-0.025	0.101	14	-1604.79	3238.21
	0.008	-0.262	0	-0.019	0.096	14	-1604.79	3238.217
			0.044		0.099	10	-1608.95	3238.217
	-0.047	-0.175		-0.023	0.1	15	-1603.75	3238.22
-0.454	-0.024	-0.046	0.017		0.435	15	-1603.75	3238.227
0.021	-0.061		0.001	-0.003	0.086	14	-1604.8	3238.228
0.022	-0.039	-0.124	-0.049	-0.025	0.084	15	-1603.76	3238.23
-0.943	-0.068		-0.07	-0.044	0.795	16	-1602.71	3238.231
				-0.003	0.099	10	-1608.95	3238.235
0.026	0.005	-0.268	0	-0.019	0.077	14	-1604.8	3238.235
	-0.086	-0.188	-0.094	-0.04	0.106	14	-1604.81	3238.239
-0.284	0.094	-0.135	0.038		0.307	14	-1604.81	3238.244
			-0.001		0.1	10	-1608.96	3238.247
	-0.086	-0.175	-0.098	-0.038	0.106	14	-1604.81	3238.251
			0.007	0.005	0.107	9	-1609.99	3238.252
				0.004	0.107	9	-1609.99	3238.254
	-0.016	-0.113		-0.008	0.106	14	-1604.81	3238.254
	0.126			0.005	0.107	12	-1606.9	3238.255
	-0.004			0.003	0.107	9	-1610	3238.257
	0.118		0.04	0.006	0.107	12	-1606.9	3238.257
	-0.078	-0.258	-0.066	-0.048	0.106	14	-1604.82	3238.257
	-0.088	-0.202	-0.079	-0.038	0.098	15	-1603.77	3238.262
	-0.081	-0.156	-0.102	-0.037	0.106	14	-1604.82	3238.264
-0.658	0.079	-0.012		-0.017	0.584	15	-1603.77	3238.264
			-0.007	-0.002	0.108	10	-1608.97	3238.27
0.025	0.028	-0.171			0.079	14	-1604.82	3238.274
0.023	0.012		-0.079		0.083	14	-1604.82	3238.274
	-0.04		-0.052	-0.015	0.109	14	-1604.83	3238.277
	-0.026	-0.074	-0.017		0.107	14	-1604.83	3238.281
	-0.075	-0.139	-0.106	-0.034	0.106	14	-1604.83	3238.294
			0.059		0.107	10	-1608.99	3238.296
	0.086				0.107	9	-1610.02	3238.296
	0.023	-0.241	-0.004	-0.017	0.105	13	-1605.88	3238.297
	0.117		0.112	0.032	0.107	10	-1608.99	3238.299
				0.006	0.097	13	-1605.88	3238.304
				0.005	0.106	12	-1606.92	3238.305
	0.123		0.11	0.032	0.107	10	-1608.99	3238.309
	0.006			0.002	0.107	9	-1610.02	3238.31

			0.038		0.107	9	-1610.02	3238.31
-0.427		-0.285	0.079	-0.036	0.413	15	-1603.8	3238.315
			-0.006	0	0.107	9	-1610.02	3238.315
				0.003	0.1	10	-1609	3238.317
	0.108		0.097	0.038	0.107	10	-1609	3238.319
-0.817	-0.069	0.054	-0.094	-0.032	0.703	16	-1602.75	3238.322
	0.082	-0.136	0.038	-0.014	0.107	13	-1605.9	3238.338
	-0.067	-0.153	-0.07	-0.037	0.099	15	-1603.81	3238.346
	-0.031	-0.161		-0.017	0.099	15	-1603.81	3238.347
	-0.068	-0.216		-0.024	0.099	15	-1603.82	3238.354
0.024	-0.089	-0.209	-0.078	-0.038	0.081	15	-1603.82	3238.359
	-0.065	-0.186	-0.008	-0.021	0.099	15	-1603.82	3238.36
	-0.149				0.099	11	-1607.99	3238.363
	-0.063	-0.178	-0.011	-0.02	0.099	15	-1603.82	3238.365
	-0.036	-0.136	-0.088	-0.032	0.106	14	-1604.87	3238.366
			-0.001	-0.016	0.108	9	-1610.05	3238.371
	0.002		0.059		0.106	10	-1609.02	3238.372
	-0.013	-0.087			0.107	14	-1604.87	3238.376
			-0.024		0.098	12	-1606.96	3238.383
	-0.063	-0.156	-0.019	-0.017	0.099	15	-1603.83	3238.384
	0.075				0.097	12	-1606.96	3238.385
0.021	-0.021		-0.087	-0.025	0.087	14	-1604.88	3238.388
-0.708	-0.078		-0.09	-0.034	0.622	16	-1602.79	3238.388
	0.048				0.098	12	-1606.96	3238.391
			0.007	0.002	0.1	10	-1609.03	3238.392
		-0.148	-0.017	-0.021	0.1	15	-1603.84	3238.392
	0.098		0.082		0.107	10	-1609.03	3238.392
	0.094		-0.04		0.106	11	-1608	3238.392
		-0.122	-0.026	-0.018	0.1	15	-1603.84	3238.394
	0.005			0	0.1	10	-1609.03	3238.394
		-0.163	-0.014	-0.022	0.1	15	-1603.84	3238.396
-0.689	-0.063		-0.079	-0.032	0.608	16	-1602.79	3238.398
-0.553	0.077		0.019		0.505	13	-1605.93	3238.402
	0.107			0.011	0.107	10	-1609.04	3238.406
-0.548	0.064		0.015	0	0.502	13	-1605.94	3238.413
		-0.185		-0.023	0.099	15	-1603.85	3238.419
0.023	-0.069	-0.223		-0.024	0.082	15	-1603.85	3238.42
	0.139		-0.001	0.009	0.106	12	-1606.98	3238.422
				0.013	0.097	12	-1606.98	3238.423
	0.049		-0.022		0.106	11	-1608.02	3238.425
			0.029	0.008	0.107	9	-1610.08	3238.426
0.023	-0.032	-0.166		-0.017	0.082	15	-1603.86	3238.428
	-0.093	-0.212	-0.086	-0.041	0.098	15	-1603.86	3238.429
	0.131		0.026	0.009	0.099	13	-1605.94	3238.43
0.023	-0.065	-0.182	-0.012	-0.02	0.082	15	-1603.86	3238.431
			0.031	0.009	0.107	9	-1610.09	3238.437
				0.018	0.097	12	-1606.99	3238.441
	0.011			0.004	0.107	9	-1610.09	3238.441

0.025				0.007	0.079	13	-1605.95	3238.446
	0.019			0.016	0.097	12	-1606.99	3238.447
	-0.046		-0.073		0.1	15	-1603.87	3238.448
0.023	-0.059	-0.246	0.012	-0.028	0.082	15	-1603.87	3238.448
0.023	-0.065	-0.162	-0.02	-0.018	0.082	15	-1603.87	3238.448
	-0.043	-0.106	-0.013		0.107	14	-1604.92	3238.459
			0.002	0.004	0.107	9	-1610.1	3238.459
	-0.093	-0.195	-0.091	-0.039	0.098	15	-1603.87	3238.46
-0.531			-0.005	-0.002	0.488	13	-1605.96	3238.461
			-0.007	0.016	0.097	12	-1607	3238.463
			-0.032		0.106	11	-1608.04	3238.465
			0.028	0.008	0.107	9	-1610.1	3238.466
					0.097	12	-1607	3238.467
				0.006	0.098	12	-1607	3238.47
	0.07			-0.006	0.107	13	-1605.96	3238.471
	0.063			0.006	0.106	11	-1608.04	3238.473
-0.542	0.046			-0.003	0.498	13	-1605.97	3238.474
-0.159	0.051	-0.176	0.019		0.214	14	-1604.92	3238.474
		-0.223	-0.001	-0.03	0.099	15	-1603.88	3238.476
-0.709	0.022	0.059	-0.044		0.622	15	-1603.88	3238.48
-0.715	0.026	0.063	-0.045		0.626	15	-1603.88	3238.483
0.023		-0.154	-0.017	-0.021	0.083	15	-1603.89	3238.489
0.022		-0.127	-0.025	-0.018	0.084	15	-1603.89	3238.49
			0.066	0.028	0.098	11	-1608.05	3238.492
-0.77	-0.061	-0.135		-0.045	0.666	16	-1602.84	3238.493
	0.021		0.074	0.03	0.098	11	-1608.05	3238.494
	0.104			0.01	0.106	11	-1608.05	3238.494
			0.035	0.008	0.099	10	-1609.08	3238.496
	0.069				0.106	11	-1608.05	3238.498
-0.406				0.008	0.396	13	-1605.98	3238.504
	0.128		0.021		0.099	13	-1605.98	3238.504
0.023		-0.109	-0.032	-0.015	0.083	15	-1603.9	3238.508
	0.06				0.106	11	-1608.06	3238.508
	-0.028	-0.145		-0.012	0.099	15	-1603.9	3238.511
			0.03		0.107	9	-1610.12	3238.512
0.023		-0.187		-0.023	0.083	15	-1603.9	3238.514
	-0.061	-0.393	0.056	-0.043	0.106	14	-1604.94	3238.515
-0.623	0.018		-0.023		0.558	15	-1603.9	3238.516
-0.691		0.04	-0.044		0.608	15	-1603.9	3238.517
				0.01	0.108	9	-1610.13	3238.517
-1.065	0.042			-0.036	0.883	15	-1603.9	3238.518
			0.03	0.009	0.107	9	-1610.13	3238.518
	-0.083	-0.151	-0.1	-0.035	0.099	15	-1603.9	3238.519
0.024	-0.087	-0.33	-0.043	-0.054	0.08	15	-1603.9	3238.521
0.024	-0.094	-0.218	-0.085	-0.041	0.081	15	-1603.9	3238.525
	0.082		0.091		0.098	11	-1608.07	3238.527
	-0.079	-0.153	-0.1	-0.034	0.099	15	-1603.91	3238.533
0.022	-0.047		-0.074		0.085	15	-1603.91	3238.534

	0.121			0.006	0.099	13	-1606	3238.534
			-0.007		0.098	12	-1607.04	3238.538
-0.075		-0.288		-0.025	0.152	14	-1604.96	3238.54
0.023	0.132		0.026	0.009	0.082	13	-1606	3238.54
-0.06		-0.254	-0.019	-0.024	0.141	14	-1604.96	3238.54
-0.074		-0.27	-0.005	-0.023	0.151	14	-1604.96	3238.55
	0.008				0.098	12	-1607.04	3238.55
0.024	-0.094	-0.201	-0.091	-0.039	0.081	15	-1603.92	3238.554
	-0.009	-0.312		-0.027	0.097	14	-1604.96	3238.556
		-0.322	0.009	-0.027	0.097	14	-1604.96	3238.556
			-0.061	-0.006	0.101	15	-1603.92	3238.557
-0.082	0.005	-0.266		-0.022	0.157	14	-1604.97	3238.558
-0.067		-0.256	-0.01	-0.021	0.146	14	-1604.97	3238.561
			0.006	0.008	0.098	12	-1607.05	3238.563
-0.507	0.03		0.004	0.003	0.471	13	-1606.01	3238.564
	-0.143				0.107	10	-1609.12	3238.564
	-0.007	-0.287	-0.006	-0.024	0.097	14	-1604.97	3238.566
			0.022	0.007	0.107	9	-1610.15	3238.568
0.026	-0.011	-0.318		-0.027	0.078	14	-1604.97	3238.57
-0.068		-0.247	-0.014	-0.02	0.147	14	-1604.97	3238.57
0.026	-0.007	-0.349	0.013	-0.03	0.078	14	-1604.97	3238.57
0.026		-0.324	0.008	-0.027	0.078	14	-1604.97	3238.573
-0.091	0.014	-0.24	-0.009	-0.02	0.164	14	-1604.97	3238.573
	-0.004	-0.271	-0.011	-0.022	0.097	14	-1604.97	3238.577
	0.12		0.003	0.004	0.107	12	-1607.06	3238.577
0.023		-0.229	0	-0.03	0.082	15	-1603.93	3238.577
-0.063	0.006	-0.259	-0.008	-0.021	0.143	14	-1604.98	3238.578
	-0.001			0.006	0.098	12	-1607.06	3238.58
0.026	-0.009	-0.292	-0.007	-0.024	0.078	14	-1604.98	3238.581
	0.006	-0.271	-0.01	-0.023	0.105	13	-1606.02	3238.583
	0.007	-0.272	-0.009	-0.023	0.105	13	-1606.02	3238.583
-0.665	0.032	-0.002			0.589	15	-1603.93	3238.584
0.024	-0.03	-0.151		-0.012	0.081	15	-1603.93	3238.584
		-0.276	-0.011	-0.023	0.105	13	-1606.02	3238.584
	0.008	-0.248	-0.016	-0.02	0.105	13	-1606.02	3238.585
	0.007	-0.248	-0.017	-0.02	0.105	13	-1606.02	3238.585
	0.109		0.042	0.007	0.099	13	-1606.02	3238.586
	0	-0.258	-0.014	-0.02	0.097	14	-1604.98	3238.587
-0.518			-0.022	-0.007	0.48	13	-1606.02	3238.587
	0.007	-0.294		-0.025	0.105	13	-1606.02	3238.589
			0.081	0.013	0.108	9	-1610.16	3238.589
0.026	-0.007	-0.277	-0.011	-0.022	0.078	14	-1604.98	3238.59
	0.016			0.013	0.107	10	-1609.13	3238.591
-0.081	0.016	-0.245		-0.018	0.156	14	-1604.98	3238.591
	-0.082		-0.077	-0.021	0.108	14	-1604.98	3238.592
-0.162	0.019	-0.186			0.217	14	-1604.98	3238.595
				0.008	0.1	10	-1609.13	3238.595
-0.099	0.025	-0.235		-0.018	0.17	14	-1604.98	3238.595

-0.094	0.025	-0.239	-0.005	-0.02	0.166	14	-1604.98	3238.596
		-0.018	-0.048		0.101	15	-1603.94	3238.597
-0.839			-0.037	-0.033	0.719	16	-1602.89	3238.599
-0.853		0.065	-0.057	-0.027	0.729	16	-1602.89	3238.599
	-0.088	-0.429		-0.061	0.097	15	-1603.94	3238.6
				0.013	0.107	10	-1609.14	3238.601
0.026	-0.002	-0.262	-0.014	-0.02	0.078	14	-1604.99	3238.601
	0.09				0.106	11	-1608.11	3238.605
	-0.04	-0.052	-0.037		0.1	15	-1603.94	3238.606
	0.009		0.004		0.098	12	-1607.07	3238.608
-0.873		0	-0.038	-0.035	0.743	16	-1602.9	3238.609
	0.009			0.011	0.099	11	-1608.11	3238.611
				0.011	0.099	11	-1608.11	3238.611
	-0.06		-0.141	-0.02	0.107	14	-1604.99	3238.613
				0.008	0.106	11	-1608.11	3238.617
	-0.042	-0.151	-0.084	-0.032	0.099	15	-1603.95	3238.619
0.023	0.129		0.019		0.083	13	-1606.04	3238.622
		-0.145	0.003	-0.013	0.1	15	-1603.95	3238.625
-0.703	0.018	0.088	-0.073		0.617	15	-1603.95	3238.626
0.024	-0.079	-0.159	-0.099	-0.033	0.081	15	-1603.95	3238.627
-0.426	-0.013		-0.08		0.413	15	-1603.96	3238.63
	-0.073	-0.412		-0.059	0.105	14	-1605	3238.63
0.023	0.123			0.007	0.082	13	-1606.04	3238.63
	0.134		0.003	0.01	0.099	13	-1606.05	3238.633
	0.053			0.011	0.107	10	-1609.15	3238.635
0.021	-0.021		-0.067	-0.012	0.087	15	-1603.96	3238.636
	-0.071	-0.403	0.056	-0.044	0.098	15	-1603.96	3238.639
-0.839		0.096	-0.069	-0.023	0.72	16	-1602.91	3238.644
				0.013	0.106	11	-1608.13	3238.646
		-0.145	-0.064	-0.028	0.106	14	-1605.01	3238.649
-0.826	-0.069	0.022	-0.11	-0.04	0.708	16	-1602.92	3238.652
	0.02		0.071	0.032	0.107	10	-1609.17	3238.657
0.021			-0.062	-0.005	0.085	15	-1603.97	3238.66
			0.063	0.03	0.107	10	-1609.17	3238.66
	0.007		-0.014		0.097	12	-1607.1	3238.662
	0.09		0.1	0.035	0.098	11	-1608.13	3238.662
	-0.033	-0.161	-0.003		0.106	14	-1605.02	3238.669
-0.504			-0.02	-0.006	0.469	13	-1606.06	3238.672
0.022	-0.041	-0.056	-0.038		0.084	15	-1603.98	3238.672
			0.073		0.108	9	-1610.2	3238.673
	0.021	-0.142	-0.045	-0.009	0.106	13	-1606.07	3238.674
	-0.043		-0.054	-0.001	0.101	15	-1603.98	3238.675
					0.106	11	-1608.14	3238.676
-0.513			-0.012	-0.002	0.476	13	-1606.07	3238.682
0.022		-0.023	-0.047		0.085	15	-1603.98	3238.684
0.025	-0.088	-0.433		-0.06	0.078	15	-1603.99	3238.698
0.023		-0.148	0.002	-0.013	0.083	15	-1603.99	3238.698
0.025	-0.072	-0.407	0.055	-0.044	0.08	15	-1603.99	3238.701

	0.012				0.099	11	-1608.16	3238.705
	0.006			0.007	0.106	11	-1608.16	3238.706
			0.003	0.008	0.106	11	-1608.16	3238.706
	0.028			0.017	0.106	11	-1608.16	3238.707
	0.026				0.107	10	-1609.19	3238.711
	0.02			0.006	0.108	9	-1610.22	3238.715
0.023	0.108		0.041	0.008	0.083	13	-1606.09	3238.716
0.024	-0.042	-0.156	-0.083	-0.032	0.081	15	-1604	3238.717
0.024	0.134		0.002	0.011	0.081	13	-1606.09	3238.721
	0.083	-0.128	0.036	-0.012	0.099	14	-1605.05	3238.722
			-0.082	-0.021	0.107	11	-1608.17	3238.727
	0.011			0.003	0.108	14	-1605.05	3238.735
				0.002	0.107	9	-1610.23	3238.736
	-0.03	-0.099	-0.009		0.1	15	-1604.01	3238.737
			0.063		0.107	10	-1609.21	3238.739
	0.145		0.089	0.032	0.107	10	-1609.21	3238.741
			-0.007		0.106	11	-1608.18	3238.744
	0.029	-0.121	-0.043		0.106	13	-1606.1	3238.749
	0.012				0.106	11	-1608.18	3238.75
			-0.011	0.017	0.106	11	-1608.18	3238.75
-0.659	-0.01	0.048	-0.067		0.585	15	-1604.02	3238.752
0.022	-0.043		-0.056	-0.001	0.085	15	-1604.02	3238.752
-0.705	0.115		0.074		0.618	14	-1605.06	3238.753
	0.085		-0.002	0.015	0.105	12	-1607.14	3238.753
	-0.02	-0.102			0.1	15	-1604.02	3238.753
	0.02			0.005	0.108	9	-1610.24	3238.754
-0.823		-0.076		-0.038	0.706	16	-1602.97	3238.755
				0.019	0.105	11	-1608.18	3238.759
	0.081		0.087		0.107	10	-1609.22	3238.761
	0.01		0		0.106	11	-1608.18	3238.761
			0.036	0.01	0.099	10	-1609.22	3238.765
				-0.013	0.106	10	-1609.22	3238.765
-0.922	-0.07		-0.104	-0.047	0.779	16	-1602.98	3238.767
	0.015	-0.137	-0.045	-0.007	0.098	14	-1605.07	3238.772
	0.025			0.006	0.108	9	-1610.26	3238.778
0.021	0	-0.035	-0.032		0.085	15	-1604.03	3238.778
			0.032	0.011	0.107	9	-1610.26	3238.782
	0.088		0.034	0.014	0.106	11	-1608.2	3238.784
	0.024			0.006	0.108	9	-1610.26	3238.784
-0.462	0.041	-0.077		-0.012	0.437	15	-1604.04	3238.799
				0.004	0.107	9	-1610.27	3238.805
	0.09		0.097	0.036	0.107	10	-1609.24	3238.808
0.022	-0.031	-0.105	-0.008		0.084	15	-1604.05	3238.818
	-0.006			0.025	0.097	12	-1607.18	3238.82
				0.025	0.097	12	-1607.18	3238.823
			0	0.025	0.097	12	-1607.18	3238.823
				0.005	0.107	9	-1610.28	3238.824
	0.021	-0.142	-0.033		0.097	14	-1605.1	3238.827

	-0.047	-0.12	-0.01		0.099	15	-1604.06	3238.829
0.023	-0.021	-0.107			0.083	15	-1604.06	3238.829
-0.055		-0.138	-0.04		0.138	14	-1605.11	3238.843
0.025	0.019	-0.146	-0.034		0.079	14	-1605.11	3238.843
	0.066			-0.005	0.1	14	-1605.11	3238.845
	0.099		0.1	0.036	0.107	10	-1609.26	3238.849
-0.821	-0.074	0.01	-0.117	-0.042	0.704	16	-1603.02	3238.853
-0.862	-0.028	0.063	-0.106	-0.035	0.735	16	-1603.03	3238.867
	0.055		0.019		0.107	11	-1608.24	3238.872
-0.119	0.044	-0.164			0.185	14	-1605.12	3238.874
-0.93	-0.016			-0.032	0.786	16	-1603.03	3238.878
			0.044	0.011	0.107	10	-1609.28	3238.881
-0.62	0.134		0.051	-0.004	0.556	14	-1605.13	3238.89
	0.023			0.003	0.1	10	-1609.29	3238.897
	0.094		0.091		0.107	10	-1609.29	3238.899
	0.089		0.093		0.107	10	-1609.29	3238.901
		-0.196	-0.042	-0.031	0.099	15	-1604.09	3238.902
	-0.038	-0.156	-0.006		0.099	15	-1604.09	3238.904
	-0.045			0.023	0.097	12	-1607.22	3238.906
	0.115		0.041	0.019	0.106	11	-1608.26	3238.906
0.023	-0.047	-0.126	-0.01		0.083	15	-1604.1	3238.908
-0.813	-0.074	0.025	-0.122	-0.04	0.699	16	-1603.05	3238.912
	0.093		0.098	0.035	0.107	10	-1609.29	3238.913
			-0.03		0.107	11	-1608.26	3238.913
-0.692	0.021	0.048	-0.05		0.61	15	-1604.1	3238.917
0.021			0	-0.001	0.085	11	-1608.27	3238.924
0.025	0.09		0.002	0.015	0.08	13	-1606.19	3238.927
	0.16			-0.005	0.109	10	-1609.3	3238.931
				0.003	0.1	10	-1609.31	3238.944
	0.118		0.01	0.005	0.1	13	-1606.2	3238.948
	-0.067		-0.016	0.021	0.097	12	-1607.24	3238.948
	0.022		-0.011		0.106	11	-1608.28	3238.949
	-0.04		-0.046	-0.015	0.102	15	-1604.12	3238.951
-0.105	0.027	-0.197	0.006		0.175	14	-1605.16	3238.957
-0.122	0.047	-0.186	0.009		0.187	14	-1605.17	3238.959
-0.822	-0.059	0.05	-0.124	-0.037	0.706	16	-1603.07	3238.962
			0.032	0.027	0.097	12	-1607.25	3238.963
-0.134	0.043	-0.185	0.01		0.196	14	-1605.17	3238.964
	0.04		-0.079	0.007	0.106	13	-1606.22	3238.987
	-0.063		-0.138	-0.018	0.1	15	-1604.13	3238.987
-0.495			-0.02	-0.003	0.462	13	-1606.22	3238.99
0.024		-0.199	-0.042	-0.031	0.081	15	-1604.14	3239.001
				-0.003	0.107	11	-1608.31	3239.007
0.022	0.068			-0.004	0.084	14	-1605.19	3239.011
	-0.029	0.034	-0.129		0.107	14	-1605.2	3239.021
	0.047			0	0.107	11	-1608.32	3239.022
	0.159			-0.007	0.101	11	-1608.32	3239.026
	0.085		0.095		0.107	10	-1609.35	3239.029

	-0.055		0.04		0.098	11	-1608.32	3239.035
0.023	0.119		0.01	0.005	0.084	13	-1606.26	3239.054
	0.054		0.027	0.031	0.097	12	-1607.3	3239.072
	0.152		0.069	0.021	0.098	12	-1607.31	3239.081
0.023	-0.063		-0.139	-0.018	0.083	15	-1604.19	3239.097
-0.809	-0.072	-0.292		-0.07	0.693	16	-1603.14	3239.099
-0.205	0.041		-0.065		0.249	14	-1605.24	3239.1
0.02	-0.039		-0.045	-0.014	0.088	15	-1604.19	3239.101
	0.076		0.078	0.022	0.107	10	-1609.4	3239.123
-0.867		-0.024	-0.062	-0.041	0.738	16	-1603.16	3239.138
	0.029		0.053	0.031	0.097	12	-1607.34	3239.149
	0.082		0.052	0.027	0.097	12	-1607.34	3239.15
	-0.113			0.014	0.099	11	-1608.38	3239.161
	0.143			0.005	0.108	10	-1609.42	3239.169
	-0.088		-0.077	-0.02	0.101	15	-1604.23	3239.171
	0.033		-0.077	0.008	0.098	14	-1605.27	3239.171
-0.136			-0.085	0.005	0.198	14	-1605.27	3239.171
-0.751		0.193	-0.086		0.655	16	-1603.18	3239.177
	-0.005			0.027	0.105	11	-1608.4	3239.185
	0.153		0.065	0.022	0.106	11	-1608.4	3239.186
				0.027	0.106	11	-1608.4	3239.187
			0	0.027	0.106	11	-1608.4	3239.187
			0.01	-0.002	0.107	11	-1608.4	3239.199
	-0.147			0.013	0.099	11	-1608.4	3239.2
0.024	0.032		-0.079	0.009	0.08	14	-1605.29	3239.202
	0.034			0.028	0.097	12	-1607.37	3239.209
	0.17		0.037		0.099	12	-1607.37	3239.21
	-0.108			0.016	0.107	10	-1609.45	3239.217
			0.024	0.027	0.097	12	-1607.38	3239.222
	0.008			0.003	0.101	15	-1604.25	3239.225
	0.028			0.027	0.097	12	-1607.38	3239.226
	-0.073		-0.036		0.097	12	-1607.38	3239.227
			0.035	0.028	0.097	12	-1607.38	3239.23
	0.104			0.005	0.106	13	-1606.35	3239.235
	0.136		0.081	0.027	0.098	12	-1607.39	3239.238
	-0.041			0.024	0.106	11	-1608.42	3239.242
	-0.055		0.037		0.107	10	-1609.46	3239.244
	0.125		0.069		0.107	10	-1609.46	3239.246
-0.173	-0.081	-0.359		-0.047	0.225	15	-1604.26	3239.247
			0.009	0.028	0.097	12	-1607.4	3239.262
-0.517	0.077	-0.066		-0.015	0.478	15	-1604.27	3239.262
			0.029	0.028	0.106	11	-1608.44	3239.265
	0.174		0.03		0.107	11	-1608.44	3239.267
	-0.029		-0.114	-0.024	0.107	14	-1605.32	3239.273
	0.127		0.059	0.028	0.106	11	-1608.44	3239.273
	-0.097		-0.037		0.097	12	-1607.41	3239.275
	0.123		0.07	0.026	0.098	12	-1607.41	3239.276
	0.115		0.066	0.028	0.106	11	-1608.45	3239.282

				0.028	0.097	12	-1607.41	3239.283
-0.65	0.005	-0.004		-0.017	0.579	16	-1603.23	3239.284
	0.141			0.003	0.1	11	-1608.45	3239.294
	-0.061		-0.014	0.023	0.106	11	-1608.45	3239.298
	0.094		0.053	0.028	0.106	11	-1608.46	3239.303
	0.107		0.071	0.028	0.106	11	-1608.46	3239.314
	-0.141			0.015	0.107	10	-1609.5	3239.325
			0.125	0.021	0.108	10	-1609.5	3239.327
0.022	0.009			0.004	0.085	15	-1604.31	3239.335
0.021	-0.089		-0.077	-0.02	0.087	15	-1604.31	3239.338
	-0.033	0.005	-0.115		0.099	15	-1604.32	3239.355
	0.138		0.077	0.028	0.106	11	-1608.48	3239.359
	-0.034				0.097	12	-1607.45	3239.366
	0.126		0.067	0.027	0.106	11	-1608.49	3239.38
-0.414	0.046	-0.105		-0.013	0.401	15	-1604.33	3239.381
-0.485	0.122		0.024	0.002	0.455	14	-1605.38	3239.382
	0.051		0.026	0.032	0.105	11	-1608.5	3239.386
	0.031		0.051	0.032	0.106	11	-1608.51	3239.406
			-0.013		0.097	12	-1607.48	3239.415
	0.096			0.006	0.099	14	-1605.4	3239.421
0.023	-0.033	0	-0.115		0.082	15	-1604.36	3239.436
	0.033		0.081	0.031	0.098	12	-1607.49	3239.437
			0.068	0.028	0.098	12	-1607.49	3239.438
-0.411	0.025	-0.123		-0.016	0.4	15	-1604.37	3239.449
			-0.036	-0.03	0.108	10	-1609.56	3239.454
				0.001	0.107	10	-1609.57	3239.469
	0.01	-0.128	-0.018		0.106	14	-1605.43	3239.481
	0.056		0.008	0.009	0.107	12	-1607.51	3239.482
			0.061	0.027	0.098	12	-1607.51	3239.49
			0.026	0.029	0.105	11	-1608.55	3239.493
-0.724	-0.005	0.103	-0.036		0.635	16	-1603.34	3239.495
			0.03	0.029	0.106	11	-1608.55	3239.495
	0.034			0.027	0.106	11	-1608.56	3239.503
-0.552	0.091			-0.009	0.505	14	-1605.44	3239.506
-0.344	0.105			0.008	0.351	14	-1605.44	3239.513
	0.03			0.029	0.105	11	-1608.56	3239.515
			-0.004	0.004	0.106	12	-1607.53	3239.531
	0.196			-0.002	0.108	11	-1608.57	3239.536
0.024	0.098			0.007	0.081	14	-1605.46	3239.546
			0.009	0.028	0.105	11	-1608.59	3239.562
-0.538	0.052	-0.047			0.494	15	-1604.42	3239.563
	0.123		0.095	0.033	0.106	11	-1608.59	3239.572
				0.028	0.105	11	-1608.6	3239.583
	-0.018			0.023	0.097	12	-1607.56	3239.589
			0.109		0.108	10	-1609.64	3239.606
	0.196			-0.004	0.1	12	-1607.57	3239.613
	-0.073		-0.037		0.106	11	-1608.62	3239.64
	0.032		0.078	0.032	0.106	11	-1608.63	3239.644

			0.066	0.029	0.106	11	-1608.63	3239.654
	0.107		0.108	0.036	0.098	12	-1607.6	3239.659
			-0.038		0.107	10	-1609.67	3239.663
	-0.085	-0.181	-0.05	-0.033	0.107	15	-1604.48	3239.669
	-0.09		-0.034		0.106	11	-1608.64	3239.672
-0.452	-0.026		-0.037		0.433	16	-1603.43	3239.672
			0.056	0.027	0.106	11	-1608.64	3239.673
	0.076		0.03		0.097	12	-1607.6	3239.674
	-0.077	-0.133	-0.061	-0.027	0.107	15	-1604.48	3239.674
	-0.079	-0.133	-0.063	-0.027	0.107	15	-1604.48	3239.675
				0.004	0.107	10	-1609.68	3239.683
	-0.033		-0.115	-0.023	0.1	15	-1604.48	3239.685
			-0.003	0.005	0.098	13	-1606.57	3239.692
	-0.072	-0.187	-0.04	-0.034	0.107	15	-1604.49	3239.694
	0.002	-0.146	-0.012		0.098	15	-1604.49	3239.707
			-0.025	-0.006	0.107	10	-1609.69	3239.71
	0.049		0.011	0.01	0.099	13	-1606.58	3239.71
				0.002	0.099	11	-1608.66	3239.713
	0.067		0.042		0.097	12	-1607.63	3239.714
-0.37	0.041	-0.183	0.073		0.371	15	-1604.5	3239.717
-0.842			0.057	-0.014	0.719	14	-1605.55	3239.733
-0.681	-0.024	0.052	-0.027		0.602	16	-1603.47	3239.748
	-0.036				0.106	11	-1608.68	3239.756
	-0.002			0.023	0.106	11	-1608.69	3239.767
	0.051				0.097	12	-1607.65	3239.773
	0.088		0.057		0.098	12	-1607.66	3239.785
	-0.091	-0.27	-0.032	-0.045	0.106	15	-1604.53	3239.786
0.024	0.001	-0.152	-0.012		0.081	15	-1604.54	3239.789
	0.033				0.107	10	-1609.74	3239.798
-0.523	0.006	0		-0.007	0.485	16	-1603.49	3239.801
0.024			-0.005	0.006	0.081	13	-1606.63	3239.806
	0.02			0.001	0.107	10	-1609.74	3239.813
-0.621	0.009	0.039			0.558	16	-1603.5	3239.821
			-0.008		0.106	11	-1608.72	3239.822
0.024	0.048		0.011	0.011	0.082	13	-1606.64	3239.823
	0.017			0.001	0.107	10	-1609.75	3239.826
				0	0.107	10	-1609.75	3239.833
0.022	-0.033		-0.116	-0.023	0.084	15	-1604.56	3239.837
	0.021		0.018		0.097	12	-1607.69	3239.837
	-0.073	-0.269		-0.038	0.106	15	-1604.56	3239.844
	0.107		0.105	0.037	0.106	11	-1608.73	3239.847
			0.014		0.097	12	-1607.69	3239.847
	0.024			0.001	0.107	10	-1609.77	3239.865
				0	0.107	10	-1609.77	3239.869
	-0.06		-0.091	-0.012	0.108	15	-1604.58	3239.869
			-0.004	-0.001	0.107	10	-1609.77	3239.871
-0.427	-0.044	-0.089	0.001	-0.018	0.415	16	-1603.53	3239.871
-0.422	-0.048	-0.094		-0.019	0.411	16	-1603.53	3239.871

			-0.01	-0.002	0.107	10	-1609.78	3239.878
	0.022			0.001	0.107	10	-1609.78	3239.883
	0.088		0.035		0.106	11	-1608.75	3239.893
	0.099		0.041		0.106	11	-1608.75	3239.899
	0.064			0.007	0.107	10	-1609.79	3239.9
	0.082		0.042		0.106	11	-1608.76	3239.906
-0.415	-0.041	-0.041	-0.016	-0.012	0.406	16	-1603.55	3239.918
-0.482	0.107		0.008	-0.001	0.454	14	-1605.65	3239.924
-0.439	0.123		0.008	0.002	0.422	14	-1605.65	3239.925
	0.141			0.018	0.106	11	-1608.77	3239.925
	0.096		0.053		0.106	11	-1608.77	3239.94
				0	0.107	10	-1609.81	3239.946
			0		0.107	10	-1609.81	3239.946
	0.023			-0.001	0.1	11	-1608.78	3239.95
			-0.003	-0.001	0.107	10	-1609.81	3239.95
-0.476	-0.033		-0.016	-0.01	0.451	16	-1603.57	3239.952
			-0.005	-0.007	0.107	10	-1609.82	3239.968
			-0.008	-0.003	0.107	10	-1609.82	3239.974
	0.13		0.113	0.038	0.106	11	-1608.8	3239.984
-0.461		-0.06	0.012	-0.014	0.44	16	-1603.59	3239.997
	0.121		0.116	0.037	0.106	11	-1608.8	3239.998
			0.012		0.099	11	-1608.8	3240.002
	-0.087	-0.175	-0.051	-0.031	0.099	16	-1603.6	3240.017
	0.06				0.106	11	-1608.81	3240.021
	-0.099	-0.289	-0.027	-0.045	0.099	16	-1603.6	3240.023
			-0.076	-0.001	0.097	13	-1606.74	3240.024
			-0.072		0.097	13	-1606.74	3240.024
	0.003		-0.073		0.097	13	-1606.74	3240.025
				-0.002	0.099	11	-1608.82	3240.028
	-0.048		0.045		0.098	12	-1607.78	3240.029
	-0.088	-0.164	-0.059	-0.03	0.099	16	-1603.61	3240.036
	-0.042	0.017	-0.078		0.108	15	-1604.66	3240.043
-0.256	0.08	-0.177	0.024	-0.017	0.286	15	-1604.66	3240.043
	-0.081	-0.148	-0.059	-0.027	0.1	16	-1603.62	3240.053
		-0.081	-0.039	-0.015	0.107	15	-1604.67	3240.054
			0.003	-0.002	0.099	11	-1608.83	3240.058
			0.053	0.015	0.099	11	-1608.84	3240.064
-0.44	-0.023	0.03	-0.023		0.425	16	-1603.63	3240.066
	-0.088	-0.308		-0.043	0.098	16	-1603.63	3240.077
	-0.057	-0.145	-0.018	-0.017	0.107	15	-1604.69	3240.104
			0.015		0.106	11	-1608.86	3240.121
0.024	-0.1	-0.295	-0.026	-0.045	0.081	16	-1603.65	3240.123
			0.047	0.016	0.107	10	-1609.9	3240.127
0.023	-0.088	-0.17	-0.058	-0.03	0.083	16	-1603.66	3240.13
0.023	-0.082	-0.267	-0.021	-0.041	0.082	16	-1603.66	3240.131
0.023	-0.082	-0.153	-0.058	-0.027	0.083	16	-1603.67	3240.147
	0.017		0.019		0.106	11	-1608.88	3240.161
			-0.02	-0.007	0.107	10	-1609.92	3240.165

0.024	-0.088	-0.311		-0.043	0.081	16	-1603.68	3240.173
-0.704	-0.01	0.192	-0.136		0.619	16	-1603.7	3240.215
	0.137		0.026	0.007	0.107	13	-1606.84	3240.223
			-0.073		0.106	12	-1607.88	3240.227
	0.099			0.011	0.107	10	-1609.95	3240.235
	0.017		-0.074		0.106	12	-1607.89	3240.235
			-0.085	-0.002	0.106	12	-1607.89	3240.242
-0.39	-0.053	-0.344	0.075	-0.044	0.385	16	-1603.72	3240.262
-0.097	0.016	-0.239	0.002	-0.018	0.168	15	-1604.78	3240.277
-0.855	-0.078	-0.056	-0.058	-0.047	0.73	17	-1602.68	3240.28
			-0.009	-0.006	0.1	11	-1608.95	3240.287
	-0.048		0.042		0.106	11	-1608.95	3240.288
-0.88	-0.071		-0.07	-0.041	0.749	17	-1602.69	3240.298
	0.06			0.013	0.097	13	-1606.88	3240.303
	-0.09	-0.23	-0.081	-0.045	0.106	15	-1604.8	3240.314
	-0.15			0.012	0.099	12	-1607.93	3240.316
	0.165		0.09	0.038	0.106	11	-1608.98	3240.357
	0.113		0.114	0.032	0.107	11	-1608.99	3240.363
	-0.064		-0.092	-0.012	0.101	16	-1603.79	3240.391
	0.055				0.097	13	-1606.93	3240.402
-0.83	-0.06	0.059	-0.086	-0.032	0.712	17	-1602.75	3240.408
	0.073		-0.035		0.106	12	-1607.97	3240.409
-0.82	-0.067	0.058	-0.093	-0.032	0.705	17	-1602.75	3240.424
	0.031		-0.016		0.098	13	-1606.94	3240.424
				0.012	0.097	13	-1606.94	3240.43
	0.046			0.004	0.098	13	-1606.95	3240.45
	-0.068	-0.215	0	-0.024	0.099	16	-1603.82	3240.451
			-0.029	-0.004	0.098	13	-1606.96	3240.454
	0.094		-0.04	0	0.106	12	-1608	3240.465
	-0.1	-0.292	-0.061	-0.05	0.098	16	-1603.83	3240.471
	-0.144			0.014	0.107	11	-1609.04	3240.473
-0.553	0.077		0.019	0	0.505	14	-1605.93	3240.486
		-0.138	-0.021	-0.02	0.1	16	-1603.84	3240.488
	0.036		-0.024		0.106	12	-1608.01	3240.49
	0.009			0.013	0.097	13	-1606.98	3240.494
	0.047		-0.025	-0.002	0.106	12	-1608.02	3240.496
0.022	-0.064		-0.092	-0.011	0.085	16	-1603.84	3240.496
			-0.003	0.013	0.097	13	-1606.98	3240.498
	0.075			0.014	0.106	12	-1608.02	3240.508
	0.081			0.008	0.106	12	-1608.02	3240.512
	0.131		0.025	0.009	0.099	14	-1605.94	3240.514
0.023	-0.07	-0.219	-0.001	-0.024	0.082	16	-1603.85	3240.517
	0.023		0.003	0.017	0.097	13	-1606.99	3240.524
			-0.039	-0.005	0.106	12	-1608.03	3240.526
-0.808	-0.07	-0.177		-0.054	0.694	17	-1602.81	3240.531
	-0.045	-0.011	-0.068		0.1	16	-1603.86	3240.542
	0.056			0.006	0.106	12	-1608.04	3240.543
	0.01		0.07	0.029	0.098	12	-1608.05	3240.561

	0.063				0.106	12	-1608.05	3240.567
0.024	-0.101	-0.296	-0.061	-0.05	0.08	16	-1603.88	3240.57
-0.709	0.023	0.05	-0.037		0.622	16	-1603.88	3240.572
0.023		-0.142	-0.02	-0.019	0.083	16	-1603.89	3240.585
			0.081	0.015	0.108	10	-1610.14	3240.606
			0.078	0.016	0.107	11	-1609.11	3240.612
	-0.009		-0.011		0.098	13	-1607.04	3240.614
	0.028		0.017	0.01	0.098	13	-1607.04	3240.617
0.023	0.132		0.024	0.009	0.082	14	-1606	3240.624
-0.08		-0.316	0.011	-0.028	0.155	15	-1604.95	3240.624
0.022	-0.046	-0.017	-0.067		0.084	16	-1603.91	3240.625
-0.071	-0.004	-0.294		-0.026	0.149	15	-1604.96	3240.63
-0.072	-0.001	-0.271	-0.005	-0.023	0.15	15	-1604.96	3240.64
	-0.009	-0.333	0.008	-0.029	0.097	15	-1604.96	3240.642
				0.012	0.106	12	-1608.09	3240.649
-0.069	0.001	-0.255	-0.01	-0.021	0.148	15	-1604.97	3240.652
	0.018			0.013	0.107	11	-1609.13	3240.656
0.026	-0.011	-0.337	0.008	-0.029	0.077	15	-1604.97	3240.657
-0.076	0.006	-0.244	-0.011	-0.02	0.153	15	-1604.97	3240.659
	0.006	-0.268	-0.01	-0.022	0.105	14	-1606.02	3240.667
	0.005			0.011	0.099	12	-1608.11	3240.682
-0.861		0.036	-0.047	-0.03	0.735	17	-1602.89	3240.691
	0.013			0.013	0.106	12	-1608.12	3240.704
			-0.004	0.012	0.106	12	-1608.13	3240.714
	0.014		0.069	0.031	0.107	11	-1609.16	3240.721
	0.031		0.014	0.011	0.106	12	-1608.14	3240.748
-0.763	0.11		0.074	-0.008	0.661	15	-1605.03	3240.772
	0.039		0.007	0.018	0.106	12	-1608.15	3240.773
-0.861	-0.085	-0.11	-0.077	-0.057	0.733	17	-1602.93	3240.774
			-0.066	-0.018	0.107	12	-1608.16	3240.779
	0.001		-0.007		0.106	12	-1608.18	3240.816
			-0.183	-0.052	0.108	11	-1609.22	3240.826
	0.076		0.032	0.013	0.106	12	-1608.19	3240.843
-0.09	0.027	-0.129	-0.03		0.164	15	-1605.09	3240.891
	-0.017		-0.007	0.024	0.097	13	-1607.18	3240.892
	-0.008			0.025	0.097	13	-1607.18	3240.898
			-0.002	0.025	0.097	13	-1607.18	3240.901
	0.094		0.091		0.107	11	-1609.29	3240.965
	-0.042		0.002	0.023	0.097	13	-1607.22	3240.984
			-0.016	-0.016	0.108	10	-1610.35	3241.018
	0.085		0.04	0.029	0.097	13	-1607.26	3241.071
	0.051		0.037	0.031	0.097	13	-1607.29	3241.123
	0.162		0.057	0.017	0.098	13	-1607.29	3241.124
	0.07		0.057	0.029	0.097	13	-1607.3	3241.138
-0.175	0.043		-0.063	0.005	0.227	15	-1605.22	3241.159
	0.167		0.049	0.016	0.107	12	-1608.36	3241.189
-0.735	-0.02	0.191	-0.094		0.643	17	-1603.16	3241.245
	0.096		0.075	0.028	0.098	13	-1607.35	3241.252

	-0.009			0.026	0.106	12	-1608.39	3241.254
	-0.013		-0.005	0.026	0.106	12	-1608.4	3241.254
			0.004	0.027	0.106	12	-1608.4	3241.257
	0.047			0.027	0.097	13	-1607.37	3241.273
	-0.078		-0.05		0.097	13	-1607.37	3241.283
			0.024	0.029	0.097	13	-1607.37	3241.283
	0.097		0.044	0.029	0.106	12	-1608.41	3241.294
	-0.03		0.008	0.025	0.106	12	-1608.42	3241.31
			0.125	0.023	0.107	11	-1609.46	3241.319
	0.085		0.057	0.029	0.106	12	-1608.43	3241.32
	0.124		0.062	0.028	0.106	12	-1608.44	3241.342
	0.104		0.071	0.028	0.106	12	-1608.46	3241.386
	0.048		0.038	0.032	0.106	12	-1608.47	3241.414
	0.019		0.076	0.029	0.098	13	-1607.48	3241.506
	0.055			0.027	0.106	12	-1608.54	3241.537
			0.026	0.029	0.105	12	-1608.55	3241.564
	-0.076		-0.044		0.106	12	-1608.62	3241.706
	0.022		0.074	0.031	0.106	12	-1608.62	3241.712
	0.075		0.031		0.097	13	-1607.6	3241.752
	-0.082	-0.163	-0.054	-0.031	0.107	16	-1604.47	3241.763
	0.041			0.004	0.107	11	-1609.73	3241.85
	0.087		0.035		0.106	12	-1608.75	3241.965
-0.427	-0.048	-0.116	0.009	-0.021	0.414	17	-1603.53	3241.969
	0.134		0.112	0.038	0.106	12	-1608.8	3242.055
	-0.095	-0.234	-0.038	-0.038	0.099	17	-1603.59	3242.096
			-0.075	-0.002	0.097	14	-1606.74	3242.107
	0.001		-0.076	-0.001	0.097	14	-1606.74	3242.108
	0.002		-0.072		0.097	14	-1606.74	3242.109
0.023	-0.095	-0.237	-0.038	-0.038	0.082	17	-1603.64	3242.193
			0.144	0.039	0.099	12	-1608.91	3242.274
			-0.078	-0.003	0.106	13	-1607.88	3242.299
	0.012		-0.069		0.106	13	-1607.88	3242.3
	0.015		-0.076	-0.001	0.106	13	-1607.89	3242.313
	0.054			0.012	0.097	14	-1606.88	3242.379
-0.853	-0.078	-0.049	-0.059	-0.046	0.729	18	-1602.68	3242.389
	0.07		-0.041	-0.003	0.106	13	-1607.97	3242.484
			0.139	0.039	0.107	11	-1610.05	3242.497
	0.03		-0.018	-0.001	0.098	14	-1606.94	3242.508
	0.062			0.011	0.106	13	-1608.01	3242.554
	0.034		-0.027	-0.002	0.106	13	-1608.01	3242.567
	0.012		0.002	0.014	0.097	14	-1606.98	3242.578
-0.076	-0.003	-0.32	0.011	-0.028	0.153	16	-1604.95	3242.721
	0.021		0.005	0.013	0.106	13	-1608.12	3242.78
	-0.019		-0.012	0.024	0.097	14	-1607.17	3242.975
	0.081		0.043	0.029	0.097	14	-1607.26	3243.15
	-0.012		-0.002	0.026	0.106	13	-1608.39	3243.332
	0.092		0.048	0.03	0.106	13	-1608.41	3243.367
	0		-0.075	-0.002	0.097	15	-1606.74	3244.198

0.008		-0.074	-0.002	0.106	14	-1607.88	3244.382
	-0.142				6	-1624.19	3260.508
	-0.119				6	-1624.48	3261.087
	-0.118				6	-1624.77	3261.658
0.039	-0.25				7	-1623.82	3261.806
	-0.142				7	-1623.9	3261.974
	-0.273		-0.038		7	-1623.97	3262.113
	-0.149				7	-1623.99	3262.147
	-0.129				7	-1624.04	3262.243
	-0.246				6	-1625.07	3262.256
0.029	-0.118				7	-1624.05	3262.271
0.037	-0.126				7	-1624.08	3262.315
	-0.141		-0.01		7	-1624.08	3262.319
	-0.157				8	-1623.05	3262.32
0.009	-0.141				7	-1624.12	3262.403
0.02	-0.119				7	-1624.15	3262.468
	-0.162				7	-1624.15	3262.474
	-0.126				6	-1625.19	3262.493
	-0.146	-0.005			7	-1624.17	3262.505
	-0.143				7	-1624.18	3262.525
	-0.18				8	-1623.16	3262.528
	-0.141				7	-1624.19	3262.548
	-0.142				7	-1624.19	3262.549
	-0.097				7	-1624.23	3262.63
	-0.113				7	-1624.28	3262.719
	-0.121				5	-1626.36	3262.805
	-0.117		-0.013		7	-1624.32	3262.805
	-0.128	-0.015			7	-1624.34	3262.848
	-0.12				7	-1624.35	3262.872
					7	-1624.38	3262.928
	-0.186				8	-1623.36	3262.929
0.036	-0.131				8	-1623.36	3262.933
0.029	-0.266		-0.023		8	-1623.37	3262.952
0.047	-0.127				7	-1624.41	3262.985
	-0.134	-0.027			7	-1624.43	3263.034
	-0.148				7	-1624.44	3263.043
	-0.12				7	-1624.45	3263.056
					6	-1625.47	3263.066
0.026	-0.132				8	-1623.43	3263.071
					6	-1625.49	3263.096
	-0.245				8	-1623.44	3263.099
	-0.102				8	-1623.45	3263.109
	-0.126				7	-1624.49	3263.146
	-0.123				8	-1623.47	3263.156
					7	-1624.5	3263.159
0.044	-0.138				8	-1623.48	3263.171
	-0.116		-0.017		7	-1624.51	3263.19
0.024	-0.138				8	-1623.49	3263.197

	-0.15	-0.028		8	-1623.53	3263.28
0.043	-0.219			8	-1623.57	3263.358
	-0.14		-0.018	8	-1623.59	3263.391
0.052	-0.216	0.023		8	-1623.6	3263.404
				8	-1623.6	3263.414
	-0.129		-0.02	8	-1623.62	3263.444
	-0.312	-0.024	-0.04	8	-1623.62	3263.456
	-0.248			8	-1623.63	3263.469
	-0.15			8	-1623.67	3263.542
	-0.133			8	-1623.67	3263.553
	-0.156	-0.041		8	-1623.68	3263.58
	-0.155			7	-1624.72	3263.606
0.036	-0.208			8	-1623.72	3263.658
	-0.119			7	-1624.76	3263.685
0.033	-0.214			8	-1623.74	3263.695
	-0.124		-0.023	7	-1624.77	3263.706
0.041	-0.255			8	-1623.75	3263.709
	-0.15		-0.014	8	-1623.75	3263.72
	-0.152	-0.015		8	-1623.76	3263.724
	-0.216		-0.026	8	-1623.76	3263.724
0.039	-0.217			8	-1623.77	3263.745
	-0.192		-0.022	9	-1622.74	3263.751
0.031	-0.224			8	-1623.77	3263.761
				7	-1624.81	3263.78
0.036	-0.122			8	-1623.79	3263.793
0.042	-0.127			8	-1623.79	3263.796
	-0.146	-0.031		7	-1624.83	3263.82
	-0.125			6	-1625.85	3263.826
				8	-1623.81	3263.829
0.031	-0.123			8	-1623.81	3263.841
	-0.177		-0.016	9	-1622.79	3263.852
-0.043	-0.182			9	-1622.79	3263.854
	-0.16	-0.045	-0.026	9	-1622.8	3263.863
0.075	-0.115			8	-1623.83	3263.868
0.064	-0.103	0.037		8	-1623.84	3263.887
	-0.107			8	-1623.84	3263.897
	-0.15	0.024		9	-1622.82	3263.906
		-0.046		8	-1623.85	3263.906
0.013	-0.149			8	-1623.85	3263.92
	-0.164			9	-1622.84	3263.943
	-0.279		-0.04	8	-1623.88	3263.98
	-0.23		-0.031	8	-1623.9	3264.015
	-0.272	-0.017		7	-1624.93	3264.029
	-0.157	-0.01		8	-1623.91	3264.04
	-0.312		-0.041	8	-1623.93	3264.068
	-0.141			8	-1623.93	3264.07
	-0.26		-0.038	8	-1623.94	3264.09
	-0.112			8	-1623.97	3264.147

	-0.151	-0.029	-0.021	9	-1622.94	3264.147
	-0.266		-0.037	8	-1623.97	3264.158
	-0.154		-0.009	9	-1622.95	3264.159
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	-0.15			8	-1623.99	3264.184
	-0.155			8	-1623.99	3264.187
	-0.174			9	-1622.96	3264.192
	-0.206			7	-1625.02	3264.196
	-0.126		-0.024	8	-1623.99	3264.196
	-0.102			8	-1624	3264.22
	-0.126			8	-1624.01	3264.227
	-0.118			9	-1622.98	3264.231
	-0.211			8	-1624.01	3264.232
	-0.219			8	-1624.01	3264.238
	-0.133			7	-1625.04	3264.239
	-0.122			8	-1624.01	3264.239
0.022	-0.127			8	-1624.02	3264.254
	-0.13			8	-1624.02	3264.26
0.034	-0.125		-0.008	8	-1624.03	3264.266
	-0.236			7	-1625.05	3264.266
0.027	-0.118		-0.005	8	-1624.03	3264.28
0.029	-0.15			9	-1623.01	3264.292
	-0.246			7	-1625.07	3264.297
	-0.184	0.018		9	-1623.02	3264.297
0.033	-0.115	0.006		8	-1624.05	3264.303
	-0.185			9	-1623.02	3264.304
0.043	-0.119	0.01		8	-1624.05	3264.304
0.026	-0.132			8	-1624.05	3264.308
0.054	-0.133			8	-1624.05	3264.313
0.029	-0.118			8	-1624.05	3264.319
0.028	-0.121			6	-1626.11	3264.333
	-0.144	-0.004	-0.01	8	-1624.06	3264.335
0.005	-0.14		-0.008	8	-1624.06	3264.337
	-0.138		-0.011	8	-1624.07	3264.348
	-0.163			9	-1623.04	3264.355
	-0.138		-0.011	8	-1624.07	3264.357
	-0.176	-0.053	-0.036	9	-1623.05	3264.362
	-0.14		-0.011	8	-1624.08	3264.364
0.014	-0.132			8	-1624.08	3264.376
	-0.182	-0.011		8	-1624.09	3264.386
	-0.096			8	-1624.1	3264.407
	-0.123			9	-1623.07	3264.411
	-0.151		-0.023	9	-1623.08	3264.416
0.016	-0.135	0.008		8	-1624.1	3264.418
	-0.127	-0.026		9	-1623.08	3264.422
0.034	-0.135			9	-1623.1	3264.465
	-0.18			9	-1623.1	3264.47

0.017	-0.118		-0.005	8	-1624.13	3264.47
	-0.179			8	-1624.13	3264.48
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0.041	-0.134			9	-1623.11	3264.481
0.018	-0.176			9	-1623.11	3264.482
	-0.133			8	-1624.14	3264.483
	-0.123			6	-1626.19	3264.495
	-0.127			7	-1625.17	3264.495
	-0.144	-0.01		8	-1624.15	3264.509
	-0.167			8	-1624.15	3264.514
	-0.2			9	-1623.13	3264.518
	-0.157			9	-1623.13	3264.52
	-0.143	-0.008		8	-1624.16	3264.528
	-0.109	-0.013		8	-1624.16	3264.535
				7	-1625.19	3264.544
	-0.146	-0.005		8	-1624.17	3264.552
	-0.131	-0.026	-0.016	8	-1624.17	3264.556
				6	-1626.22	3264.565
0.051	-0.135			8	-1624.18	3264.565
0.003	-0.177			9	-1623.15	3264.575
	-0.182			9	-1623.16	3264.577
	-0.14			8	-1624.19	3264.592
	-0.119		-0.018	8	-1624.19	3264.594
	-0.126	-0.014	-0.012	8	-1624.19	3264.599
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0.048	-0.14			9	-1623.18	3264.616
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				8	-1624.21	3264.641
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	-0.101			8	-1624.22	3264.658
0.027				8	-1624.22	3264.66
				8	-1624.22	3264.662
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	-0.175	-0.019		8	-1624.24	3264.69
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	-0.114		-0.007	8	-1624.24	3264.701
0.033				7	-1625.27	3264.708
	-0.132	-0.019		8	-1624.25	3264.713
	-0.3		-0.023	9	-1623.23	3264.723
	-0.286		-0.019	9	-1623.23	3264.732
0.032	-0.13		-0.01	9	-1623.23	3264.732
				7	-1625.28	3264.733
	-0.122		-0.009	6	-1626.31	3264.742
	-0.114	0.012		6	-1626.31	3264.748
	-0.117	-0.005		8	-1624.27	3264.751
	-0.118		-0.01	8	-1624.27	3264.759
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	-0.199			9	-1623.27	3264.803
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	-0.145	-0.033	-0.024	8	-1624.31	3264.83
0.039	-0.138		-0.013	9	-1623.28	3264.833
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		-0.016		8	-1624.32	3264.849
0.024	-0.119			9	-1623.3	3264.858
0.043				8	-1624.33	3264.864
	-0.125	-0.01		8	-1624.33	3264.875
0.056	-0.128			9	-1623.31	3264.876
		-0.017		7	-1625.36	3264.888
0.045	-0.122			9	-1623.31	3264.89
0.029	-0.138	-0.012		9	-1623.32	3264.907
	-0.102			9	-1623.32	3264.911
0.037	-0.157			9	-1623.33	3264.932
	-0.187	-0.005		9	-1623.34	3264.942
	-0.07			9	-1623.34	3264.944
	-0.166	-0.043		8	-1624.37	3264.945
0.044	-0.126		-0.008	8	-1624.37	3264.946
0.055	-0.185	0.024		9	-1623.34	3264.947
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			0.002	8	-1624.38	3264.971
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		0.001		8	-1624.38	3264.975
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	-0.133		-0.03	8	-1624.38	3264.98
	-0.187			9	-1623.36	3264.982
0.033	-0.121			9	-1623.36	3264.993
0.028	-0.277		-0.024	9	-1623.36	3264.996
0.032	-0.259	0.004	-0.021	9	-1623.37	3264.997
0.03	-0.274		-0.024	9	-1623.37	3264.999
0.029	-0.268		-0.023	9	-1623.37	3265.005
0.029	-0.267		-0.023	9	-1623.37	3265.005
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				7	-1625.42	3265.01
	-0.136	-0.015		9	-1623.37	3265.015
0.03	-0.167			9	-1623.38	3265.018
0.019	-0.138		-0.011	9	-1623.38	3265.023
	-0.136	-0.028		8	-1624.41	3265.027
	-0.24			9	-1623.39	3265.041
	-0.24			9	-1623.39	3265.048
0.046	-0.22			9	-1623.39	3265.05
	-0.113			9	-1623.39	3265.051
	-0.111			9	-1623.39	3265.053

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	-0.118		-0.02	8	-1624.44	3265.094
	-0.132		-0.015	9	-1623.41	3265.095
	-0.15	-0.015	-0.018	9	-1623.42	3265.1
		0.003		7	-1625.47	3265.101
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0.007				8	-1624.46	3265.123
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	-0.246			9	-1623.44	3265.151
0.057	-0.133			9	-1623.44	3265.152
	-0.115			9	-1623.45	3265.162
0.034	-0.129	0.012		9	-1623.45	3265.167
	-0.108			8	-1624.48	3265.176
0.044	-0.165			9	-1623.46	3265.176
	-0.153	-0.03		9	-1623.46	3265.177
0.03	-0.17			9	-1623.46	3265.177
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	-0.126			8	-1624.49	3265.192
				8	-1624.49	3265.195
			-0.002	8	-1624.49	3265.199
				8	-1624.5	3265.206
				9	-1623.47	3265.206
0.043	-0.14	-0.002		9	-1623.48	3265.222
	-0.131		-0.024	9	-1623.48	3265.232
	-0.125		-0.028	7	-1625.54	3265.242
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	-0.126	-0.028		9	-1623.5	3265.275
		0.021		9	-1623.51	3265.294
0.054	-0.221	0.023		9	-1623.52	3265.299
	-0.266	-0.02	-0.031	9	-1623.52	3265.307
	-0.147	-0.023		9	-1623.52	3265.308
	-0.091	-0.046		9	-1623.52	3265.314
	-0.28		-0.027	9	-1623.52	3265.314
	-0.148	-0.031		9	-1623.53	3265.318

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	-0.21		-0.026	9	-1623.53	3265.329
		-0.008		9	-1623.54	3265.348
	-0.177		-0.027	9	-1623.54	3265.353
0.04	-0.199			9	-1623.55	3265.361
0.039	-0.201			9	-1623.55	3265.364
	-0.271	-0.024	-0.034	9	-1623.55	3265.369
				8	-1624.58	3265.372
				9	-1623.56	3265.382
				9	-1623.56	3265.39
0.042	-0.206			9	-1623.56	3265.393
				4	-1628.67	3265.396
	-0.162		-0.015	10	-1622.54	3265.406
	-0.164		-0.021	9	-1623.57	3265.406
0.062	-0.23	0.03		9	-1623.58	3265.419
	-0.136		-0.018	9	-1623.58	3265.424
	-0.178		-0.02	10	-1622.55	3265.428
	-0.28	-0.026	-0.036	9	-1623.58	3265.434
0.005				9	-1623.58	3265.435
			-0.004	9	-1623.59	3265.436
	-0.171	-0.024	-0.025	10	-1622.56	3265.438
		-0.061		8	-1624.61	3265.441
0.053	-0.225	0.026		9	-1623.59	3265.448
				7	-1625.64	3265.454
0.053	-0.218	0.024		9	-1623.6	3265.457
0.052	-0.216	0.023		9	-1623.6	3265.458
0.067	-0.112	0.036		9	-1623.61	3265.48
-0.021	-0.264			9	-1623.61	3265.486
	-0.305	-0.025	-0.039	9	-1623.62	3265.505
	-0.253			9	-1623.62	3265.508
	-0.123			9	-1623.63	3265.516
	-0.168			9	-1623.63	3265.52
0.029	-0.213			9	-1623.63	3265.531
	-0.158	-0.033		9	-1623.64	3265.538
0.063	-0.188			9	-1623.64	3265.555
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	-0.125		-0.026	8	-1624.67	3265.558
	-0.157	-0.033	-0.026	10	-1622.62	3265.574
	-0.257		-0.028	9	-1623.66	3265.584
0.098				8	-1624.69	3265.585
	-0.127			7	-1625.72	3265.601
	-0.143		-0.018	9	-1623.67	3265.601
	-0.157	-0.01	-0.014	9	-1623.67	3265.605
	-0.182	0.018	-0.016	10	-1622.64	3265.607
	-0.157	-0.041		9	-1623.67	3265.616
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	-0.154			8	-1624.72	3265.653

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	-0.162	-0.045	-0.029	10	-1622.67	3265.657
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0.047	-0.111	0.021		9	-1623.71	3265.683
			-0.009	8	-1624.74	3265.691
0.038	-0.127		-0.01	9	-1623.71	3265.696
0.039	-0.209			9	-1623.72	3265.705
		-0.048		9	-1623.72	3265.711
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		0.026		7	-1625.78	3265.715
	-0.189		-0.02	10	-1622.69	3265.716
	-0.233		-0.027	9	-1623.73	3265.717
	-0.148		-0.017	9	-1623.73	3265.72
	-0.129	-0.013		9	-1623.73	3265.73
-0.031	-0.17	0.016		10	-1622.7	3265.735
				8	-1624.76	3265.736
0.022	-0.151		-0.016	10	-1622.71	3265.743
0.035	-0.215			9	-1623.74	3265.746
	-0.166		-0.018	10	-1622.71	3265.748
	-0.187		-0.023	10	-1622.71	3265.75
		-0.046	-0.009	9	-1623.74	3265.75
0.033	-0.121		-0.008	9	-1623.74	3265.752
	-0.222		-0.023	10	-1622.71	3265.754
		-0.028		7	-1625.8	3265.755
0.059	-0.119			9	-1623.75	3265.758
	-0.239		-0.019	10	-1622.72	3265.759
0.006	-0.188		-0.019	10	-1622.72	3265.769
		-0.064		9	-1623.76	3265.78
0.027	-0.122		-0.008	9	-1623.76	3265.784
	-0.192	-0.003	-0.022	10	-1622.73	3265.794
0.036	-0.216			9	-1623.76	3265.796
-0.027				7	-1625.82	3265.8
	-0.147	-0.031		8	-1624.8	3265.804
	-0.164			10	-1622.75	3265.82
	-0.165	0.023		10	-1622.75	3265.833
	-0.158	-0.053	-0.029	10	-1622.75	3265.835
	-0.157	0.016		10	-1622.76	3265.839
	-0.121			9	-1623.79	3265.841
			0.004	9	-1623.79	3265.843
0.048	-0.13			9	-1623.79	3265.843
0.039	-0.124			9	-1623.79	3265.844
-0.065	-0.177			10	-1622.76	3265.846
	-0.185	0.025		10	-1622.76	3265.847
	-0.15	-0.039	-0.021	10	-1622.76	3265.853

	-0.123	0.003		7	-1625.85	3265.862
		-0.039		9	-1623.8	3265.867
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	-0.14		-0.018	10	-1622.77	3265.871
	-0.162	0.026		10	-1622.78	3265.876
-0.011	-0.167	-0.056	-0.031	10	-1622.78	3265.876
	-0.221		-0.034	9	-1623.81	3265.883
-0.031	-0.178			10	-1622.78	3265.887
	-0.183		-0.019	10	-1622.78	3265.891
	-0.182	-0.043	-0.028	10	-1622.78	3265.892
	-0.263		-0.041	9	-1623.82	3265.897
	-0.15			10	-1622.79	3265.897
	-0.163	-0.051	-0.028	10	-1622.79	3265.898
		-0.024		9	-1623.82	3265.913
		-0.052		9	-1623.82	3265.914
	-0.15	0.021	-0.005	10	-1622.79	3265.915
0.073	-0.115		-0.002	9	-1623.82	3265.916
0.067	-0.102	0.04	0.004	9	-1623.83	3265.916
0.077	-0.117			9	-1623.83	3265.918
0.075	-0.115	0.001		9	-1623.83	3265.921
-0.03	-0.17	-0.059	-0.034	10	-1622.8	3265.927
	-0.143	-0.039	-0.024	10	-1622.8	3265.93
-0.047				9	-1623.84	3265.946
				8	-1624.87	3265.952
0		-0.047		9	-1623.85	3265.96
	-0.207	-0.031	-0.028	10	-1622.82	3265.968
0.014	-0.147	0.002		9	-1623.85	3265.971
0.031	-0.125			7	-1625.9	3265.973
0.034				9	-1623.86	3265.977
	-0.309		-0.043	9	-1623.86	3265.979
	-0.147			10	-1622.83	3265.981
	-0.158			10	-1622.83	3265.986
0.036	-0.243		-0.025	10	-1622.83	3265.992
	-0.26	-0.019		8	-1624.89	3265.993
0.049				9	-1623.87	3266
	-0.161	-0.019		9	-1623.87	3266.004
	-0.222		-0.032	9	-1623.87	3266.015
	-0.124		-0.012	9	-1623.88	3266.02
	-0.29		-0.041	9	-1623.88	3266.028
0.041				8	-1624.91	3266.03
	-0.178	-0.013		9	-1623.88	3266.032
			-0.012	7	-1625.93	3266.035
0.029				8	-1624.91	3266.04
0.028	-0.135		-0.014	10	-1622.86	3266.053
		0.033		9	-1623.89	3266.054
	-0.274	-0.018		8	-1624.93	3266.067
0.02				9	-1623.91	3266.086
	-0.123			9	-1623.91	3266.093

0.021	-0.166	0.031		10	-1622.89	3266.1
	-0.177	-0.053	-0.038	10	-1622.89	3266.102
	-0.128		-0.026	9	-1623.92	3266.106
	-0.113		-0.008	9	-1623.92	3266.113
	-0.248		-0.02	10	-1622.9	3266.12
				7	-1625.98	3266.122
0.042	-0.14		-0.016	10	-1622.9	3266.133
	-0.125		-0.013	10	-1622.9	3266.134
0.036	-0.134		-0.013	10	-1622.91	3266.139
	-0.263		-0.039	9	-1623.94	3266.143
	-0.16	-0.037	-0.025	10	-1622.91	3266.143
	-0.143	0.023		10	-1622.91	3266.154
	-0.117	0.02		9	-1623.94	3266.156
	-0.084			9	-1623.94	3266.156
	-0.187			9	-1623.95	3266.158
	-0.171	0.034		10	-1622.92	3266.16
	-0.185			8	-1624.98	3266.174
0.037	-0.164	0.024		10	-1622.93	3266.178
0.062	-0.137		-0.011	9	-1623.96	3266.181
				5	-1628.05	3266.182
	-0.11	0.003		9	-1623.96	3266.196
	-0.114			9	-1623.97	3266.196
	-0.103			10	-1622.94	3266.201
	-0.131	-0.019	-0.018	9	-1623.97	3266.214
	-0.183			10	-1622.94	3266.214
	-0.148			10	-1622.94	3266.215
			0.017	7	-1626.03	3266.216
				7	-1626.03	3266.219
	-0.141			9	-1623.98	3266.221
	-0.106	0.007		10	-1622.95	3266.221
	-0.23	0.013		9	-1623.98	3266.227
0.075	-0.127	0.017		9	-1623.98	3266.23
	-0.204			8	-1625.01	3266.233
	-0.237		-0.015	10	-1622.95	3266.234
0.017	-0.128		-0.006	9	-1623.99	3266.239
				9	-1623.99	3266.24
	-0.122			10	-1622.96	3266.241
	-0.133			8	-1625.02	3266.243
	-0.305		-0.032	10	-1622.96	3266.251
0.018				8	-1625.02	3266.252
0.022	-0.132		-0.008	9	-1623.99	3266.254
0.072				9	-1624	3266.26
	-0.14	-0.013	-0.012	9	-1624	3266.262
	-0.101			10	-1622.97	3266.266
	-0.124		-0.004	9	-1624	3266.269
0.01	-0.123			9	-1624	3266.276
	-0.124	-0.005		9	-1624.01	3266.277
	-0.293		-0.024	10	-1622.98	3266.279

	-0.211	-0.001		9	-1624.01	3266.285
	-0.217			9	-1624.01	3266.29
0.001	-0.119			10	-1622.98	3266.291
0.025	-0.124	0.005		9	-1624.02	3266.297
0.079	-0.082	0.067	0.02	8	-1625.05	3266.305
	-0.236			8	-1625.05	3266.31
	-0.186	0.03		10	-1622.99	3266.311
	-0.145	-0.013	-0.014	9	-1624.02	3266.312
				9	-1624.02	3266.312
0.043	-0.139			9	-1624.02	3266.313
0.036	-0.123	0.004	-0.006	9	-1624.02	3266.315
0.026	-0.159			10	-1623	3266.317
0.025	-0.128			10	-1623	3266.318
	-0.126	-0.025		10	-1623	3266.318
0.032	-0.124		-0.007	9	-1624.03	3266.318
0.022	-0.159			10	-1623	3266.32
	-0.124		-0.012	7	-1626.08	3266.321
		-0.066	-0.024	9	-1624.03	3266.321
0.033	-0.125	0.008		9	-1624.03	3266.326
0.034	-0.145	0.006		10	-1623	3266.33
0.027	-0.117	0.001	-0.005	9	-1624.03	3266.334
	-0.107	-0.012		9	-1624.04	3266.34
0.009	-0.133		-0.007	9	-1624.04	3266.341
	-0.139	-0.008	-0.01	9	-1624.04	3266.344
				8	-1625.07	3266.35
0.037	-0.117	0.008		9	-1624.04	3266.351
	-0.191			10	-1623.01	3266.354
	-0.125	-0.037		10	-1623.01	3266.355
0.012	-0.168	-0.041	-0.029	10	-1623.02	3266.359
	-0.134	-0.028	-0.02	9	-1624.05	3266.367
-0.027	-0.124	-0.043		10	-1623.02	3266.371
	-0.17	-0.018		10	-1623.02	3266.372
0.027	-0.121		-0.001	7	-1626.1	3266.372
	-0.205	-0.05	-0.037	10	-1623.03	3266.382
0.002	-0.143	-0.003	-0.009	9	-1624.06	3266.388
	-0.141		-0.012	9	-1624.06	3266.389
0.046	-0.135		-0.012	9	-1624.07	3266.401
0.026	-0.215		-0.02	10	-1623.04	3266.401
	-0.136		-0.009	9	-1624.07	3266.405
0.018	-0.128	0.006		9	-1624.07	3266.409
0.031	-0.211		-0.019	10	-1623.04	3266.415
	-0.13	-0.008		10	-1623.04	3266.415
	-0.122		-0.019	10	-1623.05	3266.416
	-0.176	-0.051	-0.034	10	-1623.05	3266.418
				5	-1628.17	3266.421
	-0.166			10	-1623.05	3266.424
	-0.179	-0.011		9	-1624.09	3266.436
0.014	-0.127			10	-1623.06	3266.437

				8	-1625.11	3266.438
	-0.181	-0.011		9	-1624.09	3266.44
	-0.192			10	-1623.06	3266.446
	-0.098		-0.004	9	-1624.09	3266.446
	-0.245		-0.026	10	-1623.07	3266.463
0.031	-0.125			10	-1623.07	3266.464
0.09				8	-1625.13	3266.465
	-0.125	-0.029		10	-1623.07	3266.467
	-0.124			10	-1623.07	3266.469
				9	-1624.11	3266.485
		0.025		9	-1624.11	3266.495
	-0.096	-0.017		10	-1623.09	3266.506
0.035	-0.147			10	-1623.09	3266.513
0.034	-0.222		-0.021	10	-1623.09	3266.513
		-0.03		9	-1624.12	3266.516
0.021	-0.116	0.004	-0.004	9	-1624.13	3266.518
				8	-1625.15	3266.521
	-0.117	-0.018	-0.009	9	-1624.13	3266.521
	-0.12	0.005		7	-1626.18	3266.523
0.035	-0.134	0.001		10	-1623.1	3266.523
0.032	-0.135			10	-1623.1	3266.523
0.042	-0.145			10	-1623.1	3266.531
0.025	-0.174			10	-1623.1	3266.532
	-0.134	-0.002		9	-1624.13	3266.533
	-0.2			10	-1623.1	3266.535
0.01	-0.193			10	-1623.11	3266.538
0.042				9	-1624.14	3266.538
	-0.15	-0.015		9	-1624.14	3266.54
0.041	-0.134	0		10	-1623.11	3266.54
		0.049		5	-1628.23	3266.543
-0.011	-0.144			10	-1623.11	3266.543
				8	-1625.17	3266.547
				9	-1624.14	3266.547
		-0.006		8	-1625.17	3266.557
	-0.107	-0.019		9	-1624.15	3266.559
	-0.199			10	-1623.12	3266.566
			-0.008	9	-1624.15	3266.57
0.023			0.008	8	-1625.18	3266.579
			-0.002	8	-1625.19	3266.586
			0.013	8	-1625.19	3266.592
	-0.27	0.067		10	-1623.13	3266.593
	-0.207			10	-1623.14	3266.598
	-0.13	-0.024	-0.016	9	-1624.17	3266.608
0.059	-0.186	0.023		10	-1623.14	3266.609
0.031	-0.268		-0.025	10	-1623.15	3266.617
	-0.146	-0.033	-0.027	9	-1624.18	3266.623
	-0.259	0.029		10	-1623.15	3266.626
	-0.282		-0.02	10	-1623.15	3266.628

		-0.035		9	-1624.18	3266.636
				10	-1623.16	3266.639
0.033	-0.262		-0.025	10	-1623.16	3266.641
0.052	-0.134	0.008		10	-1623.16	3266.642
0.031		-0.026		9	-1624.19	3266.645
0.023		0.006		8	-1625.22	3266.65
				8	-1625.22	3266.652
	-0.127	-0.015	-0.013	9	-1624.19	3266.653
0.028	-0.263		-0.024	10	-1623.16	3266.654
0.017				8	-1625.22	3266.662
0.034	-0.255		-0.023	10	-1623.17	3266.663
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0.017				8	-1625.23	3266.663
0.038	-0.225	0.007	-0.018	10	-1623.17	3266.667
0.03	-0.276	0	-0.026	10	-1623.17	3266.67
0.048	-0.147			10	-1623.17	3266.672
0.069				9	-1624.2	3266.674
	-0.16			10	-1623.17	3266.675
	-0.165	-0.02		9	-1624.2	3266.676
				8	-1625.23	3266.677
0.03	-0.225		-0.02	10	-1623.18	3266.679
			0.004	9	-1624.21	3266.681
0.04		0.013		8	-1625.24	3266.689
				7	-1626.26	3266.69
	-0.139	0.002		10	-1623.19	3266.701
0.028			0.003	9	-1624.22	3266.702
	-0.104		-0.003	9	-1624.22	3266.702
	-0.263	-0.022	-0.032	10	-1623.19	3266.705
0.023				9	-1624.22	3266.707
-0.02		-0.037		9	-1624.22	3266.708
		-0.021		8	-1625.25	3266.715
		-0.018		10	-1623.2	3266.723
0.036			0.005	8	-1625.26	3266.727
	-0.116	0.01	-0.007	7	-1626.28	3266.728
		-0.006		8	-1625.26	3266.728
0.039	-0.124		-0.01	10	-1623.2	3266.729
	-0.293		-0.02	10	-1623.2	3266.731
	-0.311		-0.024	10	-1623.2	3266.734
0.023				10	-1623.21	3266.741
0.08		0.066		8	-1625.27	3266.749
	-0.301	0.008	-0.021	10	-1623.21	3266.753
		-0.007		8	-1625.27	3266.754
			0.004	8	-1625.27	3266.754
0.044	-0.129		-0.009	10	-1623.21	3266.755
0.033				8	-1625.27	3266.755
	-0.281		-0.018	10	-1623.22	3266.756
	-0.307	-0.031	-0.046	10	-1623.22	3266.772
0.027	-0.122		-0.011	10	-1623.22	3266.775

0.006	-0.283		-0.019	10	-1623.23	3266.777
	-0.286	-0.004	-0.02	10	-1623.23	3266.779
0.028	-0.126		-0.009	10	-1623.23	3266.78
0.053	-0.133		-0.014	10	-1623.24	3266.797
0.065	-0.086	0.061		8	-1625.29	3266.797
			0.006	9	-1624.27	3266.798
	-0.134		-0.032	9	-1624.28	3266.817
				10	-1623.25	3266.82
			0.007	9	-1624.28	3266.827
-0.018	-0.212			10	-1623.25	3266.831
			-0.001	10	-1623.25	3266.834
0.05	-0.137	-0.013		10	-1623.26	3266.846
0.042	-0.119			10	-1623.26	3266.848
0.062	-0.215	0.035		10	-1623.26	3266.849
0.049	-0.156			10	-1623.26	3266.852
0.039	-0.13	-0.013		10	-1623.27	3266.859
	-0.2	0.001		10	-1623.27	3266.862
0.041	-0.165			10	-1623.27	3266.869
0.029	-0.135		-0.012	10	-1623.27	3266.871
0.066	-0.209	0.036		10	-1623.27	3266.875
				9	-1624.31	3266.887
	-0.116	-0.05		9	-1624.31	3266.889
				9	-1624.31	3266.889
	-0.105		-0.007	10	-1623.28	3266.89
0.032	-0.117			10	-1623.28	3266.894
0.056				9	-1624.32	3266.897
		-0.016	-0.001	9	-1624.32	3266.9
0.022				9	-1624.32	3266.908
0.067	-0.203	0.033		10	-1623.29	3266.911
0.055	-0.147			10	-1623.29	3266.912
0.043			-0.001	9	-1624.32	3266.916
				7	-1626.38	3266.916
0.055	-0.125			10	-1623.3	3266.922
		-0.021		8	-1625.36	3266.931
		-0.017	-0.001	8	-1625.36	3266.934
	-0.126	-0.019		10	-1623.31	3266.943
	-0.214	-0.02	-0.027	10	-1623.31	3266.947
0.098				9	-1624.34	3266.949
				5	-1628.43	3266.954
	-0.179	-0.013		10	-1623.31	3266.955
	-0.166	-0.043		9	-1624.35	3266.957
0.031	-0.144	-0.01		10	-1623.32	3266.965
	-0.13		-0.024	8	-1625.38	3266.968
	-0.338		-0.034	10	-1623.32	3266.97
0.026	-0.128	-0.011		10	-1623.33	3266.979
	-0.118		-0.011	10	-1623.34	3266.997
	-0.118		-0.009	10	-1623.34	3267
				5	-1628.46	3267.001

	-0.168	-0.028		9	-1624.37	3267.004
0.009		0.008		9	-1624.37	3267.005
0.054	-0.183	0.023		10	-1623.34	3267.006
				8	-1625.4	3267.007
			-0.006	8	-1625.4	3267.009
		-0.005		8	-1625.4	3267.01
0.003			0.003	9	-1624.38	3267.017
			0.002	8	-1625.4	3267.018
	-0.104	-0.03		10	-1623.35	3267.019
		0.001	0.002	9	-1624.38	3267.023
	-0.241			10	-1623.35	3267.024
0.04	-0.27	0.01	-0.021	10	-1623.35	3267.03
0.034	-0.273	0.008	-0.022	10	-1623.35	3267.032
			-0.019	8	-1625.41	3267.034
0.032	-0.27		-0.024	10	-1623.36	3267.05
			0.002	8	-1625.42	3267.052
0.033	-0.265	0.006	-0.021	10	-1623.36	3267.052
0.033	-0.121			10	-1623.36	3267.053
0.034	-0.263	0.006	-0.021	10	-1623.36	3267.053
0.032	-0.27		-0.024	10	-1623.36	3267.054
	-0.117		-0.006	10	-1623.36	3267.054
-0.025	-0.258			10	-1623.36	3267.056
0.028	-0.278		-0.024	10	-1623.36	3267.056
	-0.123		-0.015	10	-1623.37	3267.059
0.023	-0.275		-0.025	10	-1623.37	3267.06
0.011	-0.232			10	-1623.37	3267.061
			0.007	8	-1625.42	3267.061
-0.006	-0.135	-0.017		10	-1623.37	3267.072
0.013		0.015		8	-1625.43	3267.076
0.029	-0.165	-0.002		10	-1623.38	3267.077
0.017	-0.139	-0.001	-0.011	10	-1623.38	3267.082
0.006			0.008	8	-1625.44	3267.084
	-0.242	0.004		10	-1623.38	3267.086
		0.007		8	-1625.44	3267.089
	-0.229			10	-1623.39	3267.103
	-0.113			10	-1623.39	3267.105
-0.016				10	-1623.39	3267.108
-0.07				7	-1626.47	3267.114
				9	-1624.42	3267.114
		0.002	0.005	8	-1625.45	3267.119
			0.004	8	-1625.45	3267.121
		-0.085	-0.02	10	-1623.4	3267.121
		-0.044		9	-1624.43	3267.123
-0.003				8	-1625.46	3267.123
				10	-1623.4	3267.124
	-0.301	0.001	-0.03	10	-1623.4	3267.126
	-0.244	0.007		10	-1623.4	3267.131
				6	-1627.5	3267.132

		-0.001		8	-1625.46	3267.141
-0.011	-0.245			10	-1623.41	3267.145
0.016	-0.243	0.012		10	-1623.41	3267.151
	-0.255	0.011		10	-1623.42	3267.162
0.057	-0.159			10	-1623.42	3267.165
0.008			0.001	9	-1624.45	3267.174
	-0.141	-0.04		10	-1623.43	3267.19
		-0.069		10	-1623.44	3267.197
0.004	-0.243			10	-1623.44	3267.209
0.057	-0.133	0		10	-1623.44	3267.212
-0.02		0.007		10	-1623.45	3267.217
0.047	-0.174	0.007		10	-1623.45	3267.219
	-0.131	-0.009	-0.028	8	-1625.5	3267.22
	-0.105			9	-1624.48	3267.221
	-0.254		-0.027	10	-1623.45	3267.224
-0.029			-0.003	10	-1623.45	3267.226
			-0.003	9	-1624.48	3267.229
		0.011		10	-1623.45	3267.232
		0.008		10	-1623.45	3267.233
				9	-1624.48	3267.235
			0	9	-1624.49	3267.236
				5	-1628.58	3267.245
-0.028				10	-1623.46	3267.246
	-0.159		-0.027	10	-1623.46	3267.246
			-0.003	9	-1624.49	3267.248
	-0.276	0.024		10	-1623.46	3267.252
-0.042	-0.18		-0.017	11	-1622.43	3267.252
			-0.001	10	-1623.47	3267.263
	-0.284	-0.012	-0.03	10	-1623.47	3267.268
-0.053	-0.214		-0.02	11	-1622.44	3267.278
	-0.082	-0.047		10	-1623.48	3267.28
	-0.261	-0.025	-0.035	10	-1623.48	3267.282
	-0.137	-0.022		10	-1623.48	3267.287
				5	-1628.6	3267.29
			-0.004	10	-1623.48	3267.294
	-0.12	-0.031		10	-1623.49	3267.305
0.005	-0.261	0.022		10	-1623.49	3267.31
	-0.185			10	-1623.49	3267.311
-0.068	-0.192	-0.006	-0.019	11	-1622.46	3267.316
		0.021	0.004	10	-1623.5	3267.316
		-0.061		9	-1624.53	3267.319
	-0.24		-0.028	11	-1622.46	3267.32
-0.037				10	-1623.5	3267.321
	-0.186		-0.025	10	-1623.5	3267.326
	-0.115	-0.033		10	-1623.5	3267.327
-0.061	-0.188		-0.017	11	-1622.47	3267.328
-0.061	-0.188		-0.017	11	-1622.47	3267.328
-0.013		-0.019		10	-1623.51	3267.344

	-0.097	-0.042		10	-1623.52	3267.356
	-0.276	-0.027	-0.038	10	-1623.52	3267.358
0.054	-0.221	0.023		10	-1623.52	3267.359
	-0.27	-0.018	-0.031	10	-1623.52	3267.361
	-0.266	-0.02	-0.031	10	-1623.52	3267.367
		0.053		7	-1626.61	3267.377
		-0.008	-0.004	10	-1623.53	3267.379
	-0.219		-0.026	10	-1623.53	3267.383
	-0.301	-0.026	-0.041	10	-1623.53	3267.385
-0.014				10	-1623.53	3267.392
0.111			0.014	9	-1624.57	3267.396
-0.027				8	-1625.59	3267.397
				8	-1625.59	3267.397
				6	-1627.64	3267.399
	-0.197		-0.019	11	-1622.5	3267.399
		-0.048	-0.013	10	-1623.54	3267.399
		-0.013		10	-1623.54	3267.402
		-0.01		10	-1623.54	3267.406
0.047		-0.051		10	-1623.54	3267.409
			-0.003	9	-1624.57	3267.41
-0.061	-0.153	-0.084	-0.031	11	-1622.51	3267.411
0.046	-0.196			10	-1623.55	3267.417
			0.002	5	-1628.67	3267.42
-0.003				5	-1628.67	3267.424
				5	-1628.67	3267.426
			-0.002	10	-1623.55	3267.43
	-0.166	-0.01	-0.019	11	-1622.52	3267.435
				10	-1623.56	3267.441
			-0.002	10	-1623.56	3267.444
0.064	-0.222	0.027		10	-1623.56	3267.452
0.063	-0.224	0.028		10	-1623.56	3267.452
	-0.169		-0.017	11	-1622.53	3267.454
	-0.169		-0.016	11	-1622.53	3267.454
0.066	-0.203	0.019		10	-1623.57	3267.462
	-0.175	-0.011	-0.022	11	-1622.54	3267.47
	-0.172		-0.02	11	-1622.54	3267.474
0.064	-0.227	0.029		10	-1623.58	3267.476
0.003			-0.003	10	-1623.58	3267.481
	-0.302		-0.035	11	-1622.55	3267.484
-0.005	-0.182		-0.021	11	-1622.55	3267.486
-0.008	-0.176	-0.03	-0.027	11	-1622.55	3267.487
0.083		0.115		6	-1627.68	3267.488
-0.033		-0.084	-0.023	10	-1623.58	3267.488
	-0.234		-0.021	11	-1622.55	3267.489
	-0.185		-0.021	11	-1622.55	3267.49
		0.023		8	-1625.64	3267.497
	-0.173	-0.022	-0.024	11	-1622.55	3267.501
0.055	-0.128			10	-1623.59	3267.501

	-0.175	-0.024	-0.025	11	-1622.56	3267.503
	-0.333	0.055	-0.026	11	-1622.56	3267.513
-0.019	-0.266			10	-1623.61	3267.538
0.067	-0.112	0.035	-0.001	10	-1623.61	3267.539
0.067	-0.17			10	-1623.61	3267.544
-0.053		-0.073		10	-1623.61	3267.551
		0.023	0.012	8	-1625.67	3267.553
			-0.012	9	-1624.64	3267.555
0.119				9	-1624.65	3267.559
		-0.061	-0.015	10	-1623.62	3267.563
0.08	-0.123	0.034		10	-1623.62	3267.565
	-0.187	-0.033	-0.029	11	-1622.59	3267.571
-0.019	-0.171	-0.026	-0.022	10	-1623.62	3267.576
0.089				9	-1624.66	3267.585
0.069	-0.136		-0.004	10	-1623.63	3267.587
-0.013	-0.164	-0.045	-0.031	11	-1622.6	3267.595
		-0.038		10	-1623.63	3267.595
0.08	-0.12	0.026		10	-1623.64	3267.597
0.072	-0.138	-0.004		10	-1623.64	3267.609
	-0.225	0.018	-0.014	11	-1622.61	3267.613
0.096		-0.008		9	-1624.68	3267.617
		-0.027	-0.012	8	-1625.7	3267.618
	-0.177	0.013	-0.013	11	-1622.61	3267.621
	-0.154	-0.03	-0.024	11	-1622.62	3267.634
0.014	-0.172		-0.018	11	-1622.62	3267.636
	-0.155	-0.03	-0.025	11	-1622.62	3267.637
-0.011	-0.19	0.011	-0.02	11	-1622.62	3267.638
	-0.203	0.016	-0.019	11	-1622.62	3267.641
		-0.03		8	-1625.72	3267.643
	-0.152	-0.039	-0.023	11	-1622.63	3267.645
				8	-1625.72	3267.645
		0.037		6	-1627.76	3267.645
	-0.128	0		8	-1625.72	3267.649
	-0.177		-0.013	11	-1622.63	3267.654
	-0.177	0.02	-0.014	11	-1622.63	3267.661
0.05	-0.117	0.017	-0.004	10	-1623.67	3267.666
	-0.182	0.017	-0.016	11	-1622.64	3267.672
-0.03	-0.199		-0.024	11	-1622.64	3267.682
-0.02	-0.203		-0.024	11	-1622.65	3267.688
0.012		-0.034		10	-1623.68	3267.694
0.056	-0.134		-0.012	10	-1623.68	3267.696
	-0.149		-0.018	11	-1622.65	3267.699
		-0.072		10	-1623.69	3267.7
	-0.199	-0.028		9	-1624.72	3267.7
-0.046	-0.169			11	-1622.65	3267.7
	-0.204		-0.018	11	-1622.66	3267.707
	-0.177	-0.044	-0.03	11	-1622.66	3267.71
-0.05	-0.163			11	-1622.66	3267.711

0.046	-0.136		-0.013	10	-1623.7	3267.716
				6	-1627.8	3267.721
0.057	-0.112	0.017		10	-1623.7	3267.721
0.001	-0.161	-0.044	-0.029	11	-1622.67	3267.723
0.047	-0.113	0.017	-0.002	10	-1623.7	3267.727
	-0.202	-0.041	-0.032	11	-1622.67	3267.73
0.044	-0.112	0.019	-0.002	10	-1623.71	3267.737
-0.009		0.019		8	-1625.77	3267.743
	-0.202	-0.03	-0.022	11	-1622.68	3267.758
-0.053	-0.169	0.008		11	-1622.68	3267.758
-0.084	-0.167	-0.077	-0.037	11	-1622.68	3267.76
-0.083				10	-1623.72	3267.761
0.025	-0.178		-0.019	11	-1622.69	3267.762
		-0.052		10	-1623.72	3267.765
-0.087			0.001	10	-1623.72	3267.768
-0.065	-0.181			11	-1622.69	3267.769
	-0.148	-0.051	-0.022	11	-1622.69	3267.769
0.051	-0.119		-0.006	10	-1623.72	3267.769
-0.088		0.001		10	-1623.72	3267.772
		-0.047		10	-1623.73	3267.777
		-0.058		9	-1624.76	3267.777
	-0.193		-0.02	11	-1622.69	3267.781
	-0.232		-0.021	11	-1622.7	3267.788
-0.023			0.007	8	-1625.79	3267.792
-0.039	-0.17	0.015		11	-1622.7	3267.794
-0.029	-0.17	0.016		11	-1622.7	3267.801
-0.031	-0.17	0.016		11	-1622.7	3267.801
	-0.262		-0.022	11	-1622.71	3267.804
		-0.047	-0.01	10	-1623.74	3267.809
0.063	-0.122			10	-1623.74	3267.812
0.001	-0.169		-0.018	11	-1622.71	3267.813
	-0.165	0.001	-0.018	11	-1622.71	3267.813
	-0.147	-0.047	-0.024	11	-1622.71	3267.815
	-0.157			11	-1622.72	3267.823
0.011	-0.184	0.005	-0.018	11	-1622.72	3267.823
	-0.132			11	-1622.72	3267.825
0.056				7	-1626.83	3267.826
-0.051	-0.166			11	-1622.72	3267.826
-0.024	-0.16	-0.06	-0.034	11	-1622.72	3267.831
		-0.024	-0.008	10	-1623.75	3267.831
0.055		0.026		9	-1624.79	3267.84
	-0.163	0.012		11	-1622.73	3267.846
-0.032		0.019		10	-1623.76	3267.849
	-0.216		-0.036	10	-1623.76	3267.85
0.078		0.097		7	-1626.85	3267.857
				9	-1624.8	3267.86
0.032	-0.196		-0.02	11	-1622.74	3267.867
	-0.178	-0.051	-0.031	11	-1622.74	3267.877

-0.038	-0.149			11	-1622.75	3267.887
	-0.149		-0.022	11	-1622.75	3267.89
	-0.154	-0.05	-0.028	11	-1622.75	3267.891
	-0.162	0.019		11	-1622.75	3267.891
	-0.172	0.02		11	-1622.75	3267.891
	-0.12		0.002	10	-1623.78	3267.893
			-0.015	8	-1625.84	3267.895
-0.004	-0.161	-0.056	-0.031	11	-1622.75	3267.896
	-0.172	0.023		11	-1622.75	3267.896
				6	-1627.89	3267.902
	-0.156	0.016		11	-1622.76	3267.904
	-0.182	0.026		11	-1622.76	3267.91
-0.064	-0.176			11	-1622.76	3267.912
		-0.067	-0.027	10	-1623.8	3267.919
				8	-1625.85	3267.92
-0.008	-0.141		-0.019	11	-1622.77	3267.928
	-0.286		-0.043	10	-1623.8	3267.929
0.081				9	-1624.83	3267.932
0.011		-0.045		10	-1623.8	3267.933
0.045		0.023		9	-1624.83	3267.933
0.036	-0.201		-0.02	11	-1622.77	3267.936
-0.009	-0.177	-0.053	-0.031	11	-1622.77	3267.936
			0.015	8	-1625.86	3267.938
-0.014	-0.167	-0.057	-0.032	11	-1622.77	3267.94
-0.021	-0.196	-0.051	-0.034	11	-1622.77	3267.942
0.022	-0.161	-0.029	-0.026	11	-1622.78	3267.947
	-0.177	-0.047	-0.029	11	-1622.78	3267.955
	-0.159			11	-1622.78	3267.957
0.078	-0.121		-0.004	10	-1623.82	3267.961
-0.052			-0.005	10	-1623.82	3267.962
			0.031	8	-1625.88	3267.966
0.028	-0.125		-0.006	8	-1625.88	3267.967
0.038	-0.205		-0.021	11	-1622.79	3267.968
	-0.149	-0.044	-0.027	11	-1622.79	3267.969
			-0.005	9	-1624.85	3267.971
		-0.026		10	-1623.82	3267.971
0.001		-0.023		10	-1623.82	3267.972
0.081	-0.117	0.004		10	-1623.82	3267.973
0.072	-0.116	-0.001	-0.002	10	-1623.82	3267.975
		-0.09		10	-1623.83	3267.979
0.042		-0.014		10	-1623.83	3267.98
				6	-1627.93	3267.983
	-0.165	-0.035	-0.021	10	-1623.83	3267.991
	-0.221	-0.022	-0.025	11	-1622.8	3268
0.049				10	-1623.84	3268.001
		0.034	0.007	10	-1623.84	3268.014
		0.031		10	-1623.85	3268.016
	-0.261	-0.02		9	-1624.88	3268.019

0.04				10	-1623.85	3268.023
0.041		0.028		9	-1624.88	3268.032
0.048			-0.004	10	-1623.86	3268.036
0.034			0	10	-1623.86	3268.037
	-0.148			11	-1622.83	3268.046
0.032			0.006	9	-1624.89	3268.05
0.037	-0.239	0.002	-0.024	11	-1622.83	3268.056
0.047				10	-1623.87	3268.059
	-0.158	-0.02		10	-1623.87	3268.063
-0.059	-0.373		-0.047	11	-1622.84	3268.064
	-0.121	0.008	-0.011	10	-1623.87	3268.065
	-0.129		-0.014	10	-1623.87	3268.07
0.042			0.003	9	-1624.9	3268.073
-0.033	-0.277		-0.022	11	-1622.84	3268.074
		0.047		6	-1627.98	3268.075
0.036				9	-1624.91	3268.077
0.022	-0.133		-0.014	11	-1622.86	3268.109
	-0.232		-0.017	11	-1622.86	3268.113
0.019			-0.002	10	-1623.91	3268.14
	-0.243		-0.018	11	-1622.87	3268.141
	-0.196	-0.051	-0.039	11	-1622.88	3268.15
	-0.118	-0.006	-0.01	10	-1623.92	3268.159
0.017	-0.158	0.03		11	-1622.88	3268.159
0.022	-0.132	0.019		11	-1622.89	3268.163
0.022	-0.165	0.029		11	-1622.89	3268.164
0.019	-0.166	0.032		11	-1622.89	3268.165
0.049	-0.144		-0.012	10	-1623.92	3268.171
			0.006	6	-1628.03	3268.18
0.011				6	-1628.03	3268.181
0.094		0.074	0.024	9	-1624.96	3268.187
	-0.284	0.037		10	-1623.93	3268.188
0.038	-0.216		-0.021	11	-1622.9	3268.192
0.04	-0.138		-0.015	11	-1622.9	3268.195
-0.041	-0.328		-0.026	11	-1622.9	3268.198
	-0.114	0.016		10	-1623.94	3268.207
	-0.18			9	-1624.97	3268.212
0.071	-0.133	0.009	-0.008	10	-1623.94	3268.214
	-0.138	0.02		11	-1622.91	3268.217
	-0.294	0.016	-0.019	11	-1622.91	3268.217
	-0.152	0.027		11	-1622.91	3268.217
				6	-1628.05	3268.218
0.01	-0.117			11	-1622.91	3268.222
	-0.171	0.033		11	-1622.92	3268.226
0.036	-0.161	0.021		11	-1622.92	3268.233
0.012	-0.228		-0.016	11	-1622.92	3268.235
0.08			0.007	10	-1623.95	3268.236
-0.021	-0.199			11	-1622.92	3268.236
	-0.197	0.008		11	-1622.93	3268.251

0.102				7	-1627.05	3268.255
	-0.186			11	-1622.93	3268.256
0.021	-0.099			11	-1622.93	3268.256
	-0.102	0.002		11	-1622.94	3268.264
	-0.106			11	-1622.94	3268.266
0.066	-0.131	0.015		10	-1623.97	3268.272
		-0.041		11	-1622.94	3268.272
0.02			0.005	9	-1625.01	3268.278
				7	-1627.06	3268.279
	-0.302		-0.028	11	-1622.94	3268.279
		0.044		6	-1628.08	3268.279
	-0.131	-0.009	-0.007	10	-1623.98	3268.281
		0.052	0.037	8	-1626.04	3268.288
0.008	-0.127			11	-1622.95	3268.289
	-0.236		-0.015	11	-1622.95	3268.291
0.012	-0.132	-0.005	-0.008	10	-1623.98	3268.292
			-0.002	10	-1623.98	3268.293
	-0.118	-0.018	-0.011	10	-1623.98	3268.295
				10	-1623.99	3268.297
	-0.134	-0.041		11	-1622.95	3268.297
0.014	-0.127		-0.006	10	-1623.99	3268.297
		-0.055	-0.018	10	-1623.99	3268.299
0.081				10	-1623.99	3268.301
0.074				10	-1623.99	3268.303
			0.01	9	-1625.02	3268.305
	-0.163	-0.018		11	-1622.96	3268.306
0.02	-0.133	-0.002	-0.009	10	-1623.99	3268.313
		0.032	0.013	10	-1623.99	3268.313
		0.049		6	-1628.1	3268.314
		0.025		6	-1628.1	3268.315
				6	-1628.1	3268.317
			-0.005	10	-1624	3268.322
-0.058		-0.074	-0.022	10	-1624	3268.325
0.113		0.022		9	-1625.03	3268.332
0.006	-0.123	-0.002		10	-1624	3268.335
0.043	-0.211		-0.019	11	-1622.97	3268.335
0.009		-0.055	-0.019	10	-1624.01	3268.343
0.015	-0.205	-0.031	-0.03	11	-1622.98	3268.348
0.079	-0.083	0.067	0.02	9	-1625.05	3268.357
-0.023	-0.162	-0.034		11	-1622.98	3268.358
	-0.127	-0.004	-0.013	8	-1626.07	3268.362
	-0.148	-0.014	-0.015	10	-1624.02	3268.367
0.02	-0.175			11	-1622.99	3268.37
0.035	-0.123	0.003	-0.006	10	-1624.02	3268.375
		-0.069	-0.025	10	-1624.03	3268.377
-0.009	-0.125	-0.031		11	-1622.99	3268.378
0.028	-0.13	0.002		11	-1623	3268.382
0.025	-0.159			11	-1623	3268.383

	-0.126	-0.027		11	-1623	3268.383
0.022	-0.163	-0.039	-0.029	11	-1623	3268.386
		-0.005		9	-1625.06	3268.388
	-0.152	-0.029		11	-1623	3268.388
-0.046	-0.128	-0.049		11	-1623	3268.396
				9	-1625.07	3268.397
0.005	-0.136	-0.004	-0.009	10	-1624.04	3268.397
-0.014	-0.124	-0.042		11	-1623.01	3268.407
-0.079				8	-1626.1	3268.408
				7	-1627.12	3268.41
				6	-1628.15	3268.419
				8	-1626.1	3268.42
	-0.168	-0.02		11	-1623.02	3268.427
		0.053	0.012	6	-1628.16	3268.437
				6	-1628.16	3268.44
	-0.206	-0.047	-0.036	11	-1623.02	3268.441
		-0.033	-0.009	10	-1624.06	3268.441
		-0.093		11	-1623.03	3268.443
			-0.003	6	-1628.16	3268.446
-0.001				6	-1628.17	3268.456
		0.009		9	-1625.1	3268.459
0.088		-0.044		10	-1624.07	3268.46
0.021	-0.222		-0.021	11	-1623.03	3268.461
	-0.273	0.054		11	-1623.04	3268.467
0.049	-0.217		-0.021	11	-1623.04	3268.478
			0.003	9	-1625.11	3268.479
0.001	-0.13	-0.008		11	-1623.04	3268.481
		-0.028		9	-1625.11	3268.484
		0.047		6	-1628.18	3268.487
			0.015	9	-1625.12	3268.497
0.017	-0.126			11	-1623.05	3268.498
0.085				9	-1625.12	3268.499
-0.065			0.029	8	-1626.15	3268.505
0.089			0	9	-1625.13	3268.518
			0.004	10	-1624.1	3268.522
		-0.036		10	-1624.1	3268.53
			0.024	8	-1626.16	3268.53
0.038		0.019	0.013	9	-1625.14	3268.539
				6	-1628.21	3268.549
	-0.115	-0.024	-0.009	10	-1624.11	3268.551
0.045	-0.257	0.019	-0.018	11	-1623.08	3268.556
0.025	-0.254	0.062		11	-1623.08	3268.561
		0.008		9	-1625.15	3268.561
0.042	-0.154	0.007		11	-1623.08	3268.561
-0.006		-0.035		10	-1624.12	3268.563
0.053		-0.021		10	-1624.12	3268.564
		0.049		6	-1628.22	3268.565
			0	9	-1625.15	3268.575

	-0.203			11	-1623.09	3268.575
0.031	-0.149			11	-1623.09	3268.575
0.049	-0.252	0.02	-0.018	11	-1623.09	3268.577
	-0.223	0.042		11	-1623.09	3268.578
			0.012	9	-1625.16	3268.583
0.043			0.003	10	-1624.13	3268.586
0.032	-0.134	0.003		11	-1623.1	3268.586
0.046	-0.152	0.006		11	-1623.1	3268.588
0.048				10	-1624.13	3268.589
			0.002	9	-1625.16	3268.594
0.017	-0.273		-0.021	11	-1623.1	3268.594
0.013			0.011	9	-1625.17	3268.598
0.013	-0.191			11	-1623.1	3268.599
0.004	-0.197			11	-1623.1	3268.6
			-0.002	10	-1624.14	3268.603
		-0.006	-0.002	9	-1625.17	3268.607
0.061				7	-1627.22	3268.609
				6	-1628.24	3268.61
0.052		0.024	0.012	9	-1625.17	3268.616
			0.007	11	-1623.11	3268.618
	-0.449	0.057	-0.037	11	-1623.12	3268.631
0.022			0.008	9	-1625.18	3268.632
0.049	-0.243	0.016	-0.018	11	-1623.12	3268.637
		0.001	0.013	9	-1625.19	3268.645
0.056	-0.167	0.016		11	-1623.13	3268.649
		-0.031		11	-1623.13	3268.652
-0.01	-0.214			11	-1623.13	3268.655
0.113			0.015	10	-1624.17	3268.658
	-0.208	0.001		11	-1623.14	3268.664
0.082		0.066		9	-1625.2	3268.665
	-0.283	-0.005	-0.021	11	-1623.14	3268.678
0.014		-0.03		10	-1624.18	3268.683
				8	-1626.24	3268.684
0.01	-0.253	0.03		11	-1623.15	3268.684
0.1		0.104	0.037	8	-1626.24	3268.688
0.024		-0.018		11	-1623.15	3268.69
-0.034	-0.338		-0.026	11	-1623.15	3268.699
				11	-1623.16	3268.703
0.019	-0.265	-0.008	-0.027	11	-1623.16	3268.703
0.025		0.007		9	-1625.22	3268.704
0.022		0.006		9	-1625.22	3268.704
0				11	-1623.16	3268.705
		0.031		7	-1627.27	3268.709
0.012				9	-1625.22	3268.712
		0.009		8	-1626.25	3268.716
0.068			-0.003	10	-1624.2	3268.721
-0.033	-0.326		-0.024	11	-1623.17	3268.725
		-0.002		9	-1625.23	3268.727

-0.038	-0.333	-0.001	-0.025	11	-1623.17	3268.729
				8	-1626.26	3268.729
0.066				10	-1624.2	3268.732
0.036	-0.223	0.006	-0.018	11	-1623.17	3268.733
		0.023		8	-1626.26	3268.733
0.047		0.015		9	-1625.23	3268.734
		-0.02	-0.005	9	-1625.23	3268.735
-0.004				8	-1626.26	3268.736
0.021			0.005	10	-1624.21	3268.738
0.114		0.065		8	-1626.27	3268.749
	-0.315	0.01	-0.022	11	-1623.18	3268.75
		-0.022	-0.004	11	-1623.18	3268.758
				6	-1628.32	3268.763
		0.087		7	-1627.31	3268.776
0.035			0.005	9	-1625.26	3268.781
0.029			0.003	11	-1623.2	3268.787
		-0.006	0.004	9	-1625.26	3268.788
0.023				11	-1623.2	3268.789
	-0.295	0.004	-0.02	11	-1623.2	3268.79
	-0.301		-0.022	11	-1623.2	3268.791
0.041	-0.124		-0.01	11	-1623.2	3268.793
0.041	-0.124		-0.01	11	-1623.2	3268.794
0.08				8	-1626.3	3268.806
0.04	-0.126		-0.012	11	-1623.21	3268.811
0.04	-0.126		-0.008	11	-1623.21	3268.812
	-0.282	-0.002	-0.019	11	-1623.21	3268.819
-0.002	-0.282		-0.018	11	-1623.21	3268.821
0.004	-0.284	-0.002	-0.019	11	-1623.23	3268.842
				6	-1628.37	3268.855
			-0.022	9	-1625.3	3268.871
	-0.108	-0.052		10	-1624.27	3268.872
0.047	-0.223	0.028		11	-1623.24	3268.88
			-0.001	11	-1623.25	3268.883
			0.007	10	-1624.28	3268.885
			0.007	10	-1624.28	3268.885
-0.1	-0.466		-0.067	12	-1622.21	3268.886
-0.024	-0.208	-0.005		11	-1623.25	3268.888
0.09		0.068		8	-1626.34	3268.894
0.048	-0.133	-0.013		11	-1623.25	3268.896
0.049	-0.119	-0.018		11	-1623.25	3268.898
				6	-1628.39	3268.9
0.044	-0.148	-0.006		11	-1623.26	3268.907
0.042	-0.12			11	-1623.26	3268.913
0.049	-0.157			11	-1623.26	3268.918
0.021				6	-1628.4	3268.919
	-0.139	-0.012	-0.027	9	-1625.33	3268.923
-0.022				8	-1626.36	3268.923
0.031		0.029	0.015	9	-1625.33	3268.924

		0.051		8	-1626.36	3268.929
-0.071	-0.312		-0.045	12	-1622.23	3268.931
0.042	-0.166	0.001		11	-1623.27	3268.934
				10	-1624.31	3268.943
				8	-1626.37	3268.946
0.057			-0.002	10	-1624.31	3268.95
			0.039	7	-1627.39	3268.953
				6	-1628.42	3268.961
0.022			0	10	-1624.32	3268.967
		-0.023	-0.003	9	-1625.36	3268.977
			-0.001	6	-1628.43	3268.988
0.101				10	-1624.34	3269.007
0.005	-0.126	-0.017		11	-1623.31	3269.008
		-0.094	-0.02	11	-1623.31	3269.012
0.16		0.086		8	-1626.4	3269.019
0.019		0.015	0.007	10	-1624.35	3269.019
		-0.082	-0.014	11	-1623.31	3269.019
-0.007				6	-1628.45	3269.026
0.099		0.121	0.027	7	-1627.43	3269.027
			0.002	6	-1628.45	3269.032
0.001	-0.335		-0.034	11	-1623.32	3269.036
			0.004	9	-1625.39	3269.046
				7	-1627.45	3269.056
		-0.003		9	-1625.4	3269.056
-0.066				8	-1626.42	3269.059
	-0.118		-0.01	11	-1623.33	3269.061
		-0.005	0.001	9	-1625.4	3269.062
		0.007	0.007	9	-1625.4	3269.074
-0.013	-0.25			11	-1623.34	3269.08
0.041	-0.267	0.009	-0.021	11	-1623.35	3269.089
0.038	-0.273	0.01	-0.021	11	-1623.35	3269.092
0.041	-0.267	0.009	-0.021	11	-1623.35	3269.094
-0.051		0.017		8	-1626.45	3269.107
0.027	-0.273	0.007	-0.023	11	-1623.36	3269.111
0.001			0.007	9	-1625.42	3269.114
0.009		0.013		9	-1625.43	3269.123
				7	-1627.48	3269.126
-0.041		-0.041	-0.015	11	-1623.37	3269.132
-0.018			-0.004	11	-1623.38	3269.147
	-0.208	-0.012		11	-1623.38	3269.153
			-0.004	11	-1623.38	3269.156
-0.072	-0.417	0.061	-0.043	12	-1622.35	3269.157
0.124				8	-1626.47	3269.157
				7	-1627.5	3269.158
0.008	-0.223			11	-1623.39	3269.164
-0.019		-0.004		11	-1623.39	3269.168
		0.004	0.005	9	-1625.45	3269.171
			-0.002	7	-1627.5	3269.171

-0.078		-0.105	-0.022	11	-1623.39	3269.171
0.012		-0.079	-0.018	11	-1623.39	3269.171
			0	10	-1624.42	3269.174
-0.014				11	-1623.39	3269.174
				8	-1626.49	3269.185
		-0.084	-0.02	11	-1623.4	3269.186
0.098		0.123		7	-1627.51	3269.19
		-0.084		11	-1623.4	3269.19
		0		11	-1623.4	3269.19
0.001	-0.244	0.007		11	-1623.4	3269.197
0.063	-0.172	0.01		11	-1623.4	3269.197
0.086		0.109		7	-1627.52	3269.198
0.052		-0.06		11	-1623.41	3269.212
0.013	-0.246	0.012		11	-1623.41	3269.216
	-0.146	-0.043	-0.005	11	-1623.42	3269.226
-0.048	-0.19	-0.018	-0.024	12	-1622.38	3269.227
				6	-1628.55	3269.227
-0.014				6	-1628.56	3269.244
0.079		0.111		7	-1627.54	3269.254
0.004	-0.141	-0.039		11	-1623.43	3269.256
0.002		-0.068		11	-1623.44	3269.263
			0.003	6	-1628.58	3269.274
			-0.003	10	-1624.48	3269.277
-0.022		0.006	-0.002	11	-1623.44	3269.28
				6	-1628.58	3269.28
-0.12	-0.278	-0.067	-0.042	12	-1622.41	3269.282
-0.016		0.008		11	-1623.45	3269.282
-0.072	-0.242		-0.021	12	-1622.41	3269.287
-0.027			-0.003	11	-1623.45	3269.291
-0.044		-0.015		11	-1623.45	3269.291
-0.038	-0.202		-0.019	12	-1622.42	3269.296
		0.011	-0.001	11	-1623.45	3269.298
		0.008	0.001	11	-1623.45	3269.298
0.014	-0.268	0.026		11	-1623.46	3269.304
-0.048	-0.177		-0.017	12	-1622.42	3269.311
-0.043	-0.179		-0.017	12	-1622.43	3269.323
			0.001	6	-1628.6	3269.325
-0.001				6	-1628.6	3269.325
		0.047		8	-1626.56	3269.328
-0.057	-0.217		-0.018	12	-1622.44	3269.337
		0.052		8	-1626.56	3269.338
-0.057	-0.215	-0.003	-0.02	12	-1622.44	3269.348
	-0.151	-0.017		11	-1623.48	3269.35
		0.018		7	-1627.6	3269.355
	-0.263	0.017	-0.027	12	-1622.45	3269.362
		0.021	0.011	9	-1625.55	3269.371
		-0.024	-0.009	11	-1623.49	3269.374
			0.019	9	-1625.55	3269.376

-0.02		-0.07	-0.02	11	-1623.49	3269.376
-0.037			-0.002	11	-1623.49	3269.381
-0.091	-0.16	-0.094	-0.032	12	-1622.46	3269.382
-0.057	-0.195	-0.074	-0.031	12	-1622.46	3269.383
-0.074	-0.191	-0.008	-0.019	12	-1622.46	3269.383
		-0.026	-0.008	11	-1623.5	3269.384
-0.071	-0.161	-0.065	-0.034	12	-1622.46	3269.385
-0.071	-0.192	-0.006	-0.019	12	-1622.46	3269.387
-0.037				11	-1623.5	3269.387
	-0.24		-0.027	12	-1622.46	3269.39
	-0.246		-0.028	12	-1622.46	3269.39
				7	-1627.61	3269.392
0.013				7	-1627.62	3269.398
-0.061	-0.188		-0.017	12	-1622.47	3269.4
-0.016		-0.015		11	-1623.51	3269.403
		-0.029	-0.015	9	-1625.57	3269.404
-0.019			-0.005	11	-1623.51	3269.417
-0.031	-0.182		-0.025	12	-1622.48	3269.425
-0.025			0.004	9	-1625.58	3269.427
-0.035	-0.265		-0.023	12	-1622.48	3269.43
-0.081	-0.156	-0.088	-0.033	12	-1622.49	3269.438
			0.001	7	-1627.64	3269.439
-0.022		0.005		9	-1625.59	3269.442
0.114		0.006	0.015	10	-1624.56	3269.445
0.106			0.013	10	-1624.56	3269.446
			0.021	10	-1624.56	3269.448
0.116			0.013	10	-1624.56	3269.449
-0.002			0.002	6	-1628.67	3269.455
			0.002	6	-1628.67	3269.455
-0.005				6	-1628.67	3269.458
	-0.206		-0.019	12	-1622.5	3269.459
	-0.194	-0.005	-0.02	12	-1622.5	3269.463
		-0.048	-0.013	11	-1623.54	3269.465
		-0.013		11	-1623.54	3269.466
	-0.198		-0.019	12	-1622.5	3269.471
0.119				9	-1625.6	3269.474
0.046		-0.05		11	-1623.54	3269.475
	-0.217	-0.015	-0.024	12	-1622.51	3269.481
-0.058	-0.153	-0.081	-0.03	12	-1622.51	3269.482
			-0.004	11	-1623.55	3269.488
				9	-1625.61	3269.493
	-0.168	-0.009	-0.019	12	-1622.52	3269.505
		0.089		8	-1626.65	3269.506
	-0.167	-0.01	-0.019	12	-1622.52	3269.507
-0.01	-0.183	-0.017	-0.026	12	-1622.52	3269.513
0.084		0.118		7	-1627.67	3269.514
-0.025		-0.081	-0.022	11	-1623.56	3269.517
0.064	-0.22	0.027		11	-1623.56	3269.518

	-0.169		-0.017	12	-1622.53	3269.526
0.084		0.116		7	-1627.68	3269.529
0.083		0.114		7	-1627.68	3269.529
	-0.171	-0.009	-0.021	12	-1622.53	3269.532
				7	-1627.68	3269.533
	-0.182	-0.011	-0.023	12	-1622.54	3269.539
	-0.305		-0.037	12	-1622.54	3269.553
-0.038	-0.166	-0.042	-0.033	12	-1622.54	3269.553
		0.04	0.012	7	-1627.69	3269.554
	-0.31	0.004	-0.035	12	-1622.55	3269.555
-0.01	-0.169	-0.032	-0.027	12	-1622.55	3269.555
	-0.293	0.045	-0.024	12	-1622.55	3269.555
	-0.337	0.059	-0.029	12	-1622.55	3269.557
0.11				10	-1624.62	3269.558
-0.004	-0.184		-0.022	12	-1622.55	3269.558
-0.008	-0.176	-0.03	-0.027	12	-1622.55	3269.559
0.017		0.036	0.017	9	-1625.65	3269.564
0.078	-0.13	0.029	-0.008	11	-1623.59	3269.566
0.055	-0.128		0.001	11	-1623.59	3269.566
-0.035		-0.061		11	-1623.59	3269.573
	-0.173	-0.022	-0.024	12	-1622.55	3269.573
0.059	-0.146	-0.014	-0.009	11	-1623.6	3269.591
-0.068		-0.078		11	-1623.6	3269.597
	-0.196	-0.031	-0.024	12	-1622.57	3269.603
				9	-1625.67	3269.608
0.066				9	-1625.67	3269.611
0.114		0.032		10	-1624.64	3269.612
0.117		-0.002		10	-1624.65	3269.617
				9	-1625.68	3269.621
		-0.059	-0.014	11	-1623.62	3269.627
0.077	-0.125	0.021	-0.006	11	-1623.62	3269.628
0.078	-0.124	0.036		11	-1623.62	3269.629
	-0.215	0.018	-0.016	12	-1622.58	3269.631
-0.006	-0.184	-0.039	-0.031	12	-1622.59	3269.636
				7	-1627.74	3269.642
0.089		-0.001		10	-1624.66	3269.645
	-0.233	-0.025	-0.028	12	-1622.59	3269.649
	-0.207	0.015	-0.015	12	-1622.59	3269.651
				7	-1627.74	3269.654
-0.025	-0.192	0.015	-0.021	12	-1622.61	3269.677
		-0.005		9	-1625.71	3269.689
0.049				8	-1626.74	3269.69
	-0.176	0.011	-0.013	12	-1622.61	3269.692
			0.03	9	-1625.71	3269.692
0.092				8	-1626.74	3269.693
0.004				9	-1625.72	3269.697
				7	-1627.77	3269.697
-0.008	-0.2	0.012	-0.02	12	-1622.62	3269.703

	-0.153	-0.033	-0.024	12	-1622.62	3269.704
0.012	-0.166		-0.018	12	-1622.62	3269.706
-0.043	-0.251		-0.032	12	-1622.62	3269.706
		-0.045	-0.017	11	-1623.66	3269.707
-0.074	-0.159	-0.077	-0.037	12	-1622.63	3269.716
		-0.069	-0.01	10	-1624.7	3269.717
-0.033		-0.055	-0.019	11	-1623.66	3269.719
0.068		0.039	0.014	10	-1624.7	3269.719
	-0.181		-0.013	12	-1622.63	3269.726
	-0.198	-0.038	-0.025	12	-1622.63	3269.732
-0.041	-0.164			12	-1622.64	3269.753
0.058	-0.133		-0.011	11	-1623.68	3269.761
-0.041	-0.153			12	-1622.65	3269.761
		0.026		7	-1627.8	3269.761
-0.111	-0.42		-0.046	12	-1622.65	3269.764
0.061		0.037	0.015	10	-1624.72	3269.77
-0.048	-0.169	-0.002		12	-1622.65	3269.771
0.006	-0.18	-0.038	-0.029	12	-1622.66	3269.775
-0.055	-0.162	-0.006		12	-1622.66	3269.779
	-0.185	-0.04	-0.022	12	-1622.66	3269.78
-0.049	-0.169			12	-1622.66	3269.781
0.054	-0.113	0.015	-0.002	11	-1623.7	3269.782
0.022		-0.04	-0.016	11	-1623.7	3269.787
-0.008	-0.198	-0.048	-0.034	12	-1622.66	3269.789
				7	-1627.82	3269.796
0.084		0.038		10	-1624.74	3269.804
-0.072		0.006		11	-1623.71	3269.817
-0.024	-0.282		-0.023	12	-1622.68	3269.818
-0.051	-0.18	0.008		12	-1622.68	3269.82
-0.084			0	11	-1623.72	3269.827
		0.018		9	-1625.78	3269.829
-0.083		0.003	0.002	11	-1623.72	3269.831
0.028				7	-1627.83	3269.832
-0.073			0.027	9	-1625.79	3269.836
	-0.149	-0.051	-0.021	12	-1622.69	3269.841
0.059			0.006	8	-1626.82	3269.847
0.06		0.043	0.016	10	-1624.76	3269.847
-0.039	-0.167	0.011		12	-1622.7	3269.857
				7	-1627.85	3269.858
-0.04	-0.182	0.016		12	-1622.7	3269.859
0.076		0.096		8	-1626.82	3269.861
	-0.134			12	-1622.7	3269.863
-0.03	-0.169	0.016		12	-1622.7	3269.873
0.006	-0.168	0.004	-0.017	12	-1622.71	3269.879
			-0.007	7	-1627.86	3269.884
0.125		0.121		8	-1626.84	3269.889
	-0.158	0.004		12	-1622.71	3269.893
	-0.135	0.002		12	-1622.72	3269.897

-0.052	-0.171			12	-1622.72	3269.897
		0.038		7	-1627.87	3269.901
				7	-1627.87	3269.902
-0.023	-0.16	-0.06	-0.034	12	-1622.72	3269.903
-0.03				9	-1625.82	3269.905
		-0.083	0.011	11	-1623.76	3269.905
		0.019	0.033	9	-1625.82	3269.914
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0.001	-0.179	-0.05	-0.031	12	-1622.74	3269.949
0.026	-0.196	-0.02	-0.027	12	-1622.74	3269.95
0.025	-0.212		-0.018	12	-1622.74	3269.95
	-0.172	0.017		12	-1622.75	3269.96
		0.017		7	-1627.9	3269.96
-0.003	-0.149		-0.023	12	-1622.75	3269.96
	-0.169	0.02		12	-1622.75	3269.961
			0.004	9	-1625.85	3269.962
			0.032	9	-1625.86	3269.979
0.104				7	-1627.91	3269.981
		0.046		7	-1627.91	3269.986
0.081			0	10	-1624.83	3269.992
		0.095	0.035	8	-1626.89	3269.996
-0.015	-0.184	-0.053	-0.033	12	-1622.77	3270.001
0.02		-0.02		11	-1623.81	3270.011
0.008			0.031	9	-1625.87	3270.013
-0.008				7	-1627.92	3270.014
			0.032	9	-1625.87	3270.014
		0.051	0.034	9	-1625.88	3270.017
		0.047		7	-1627.93	3270.018
			-0.002	7	-1627.93	3270.018
		0.044		7	-1627.93	3270.021
0.078	-0.12	0.001	-0.004	11	-1623.82	3270.026
0.06				11	-1623.82	3270.039
0.01		-0.086		11	-1623.82	3270.04
-0.172				7	-1627.94	3270.041
		0.051	0.009	7	-1627.94	3270.047
		0.032	0.004	11	-1623.83	3270.057
0.053			0.002	11	-1623.83	3270.059
0.041			-0.002	11	-1623.85	3270.085
0.136		0.14	0.042	8	-1626.94	3270.088
		0.034	0.031	9	-1625.91	3270.089
		0.028		7	-1627.97	3270.095
		-0.06		12	-1622.82	3270.099
0.095		0.047		9	-1625.92	3270.102
	-0.128	0.013	-0.014	11	-1623.86	3270.102
0.048			-0.004	11	-1623.86	3270.102
0.033			0.005	10	-1624.89	3270.109
		0.036		7	-1627.97	3270.111
		0.047		7	-1627.97	3270.113

-0.03	-0.273		-0.021	12	-1622.84	3270.144
0.138		0.084	0.03	9	-1625.94	3270.145
		-0.058	-0.02	11	-1623.88	3270.15
0.016			0.009	7	-1627.99	3270.151
-0.053		-0.059		12	-1622.85	3270.164
				7	-1628	3270.165
0.095		0.074	0.022	10	-1624.93	3270.179
-0.045		-0.071	-0.022	11	-1623.9	3270.191
-0.018				7	-1628.02	3270.211
0.022	-0.128	0.015		12	-1622.88	3270.222
0.017	-0.153	0.026		12	-1622.88	3270.226
0.019	-0.147	0.025		12	-1622.88	3270.227
		0.048	0.01	7	-1628.03	3270.228
		0.023		7	-1628.03	3270.228
				8	-1627.01	3270.229
0.055	-0.141	0.004	-0.01	11	-1623.92	3270.232
0.019	-0.165	0.03		12	-1622.89	3270.235
-0.028	-0.318	0.009	-0.023	12	-1622.89	3270.24
		0.052	0.011	7	-1628.04	3270.246
		0.052	0.037	9	-1625.99	3270.246
0.087			0.009	11	-1623.93	3270.248
				7	-1628.04	3270.252
			-0.002	7	-1628.04	3270.253
0.021	-0.104			12	-1622.9	3270.255
0.123				8	-1627.02	3270.256
			0.01	8	-1627.02	3270.26
-0.038	-0.135	-0.057		12	-1622.91	3270.277
0.021	-0.225		-0.016	12	-1622.91	3270.282
0.106			0.005	8	-1627.04	3270.286
	-0.147	0.024		12	-1622.91	3270.287
-0.125		-0.038		9	-1626.01	3270.287
-0.021		0.038	0.035	9	-1626.01	3270.29
		-0.04	0.006	12	-1622.91	3270.293
0.029		-0.05	-0.019	11	-1623.95	3270.295
0.117		0.087	0.03	9	-1626.02	3270.298
0.126		0.051		9	-1626.02	3270.299
0.081			0.007	11	-1623.95	3270.301
-0.017	-0.202	0.004		12	-1622.92	3270.304
-0.018	-0.198			12	-1622.92	3270.304
				8	-1627.05	3270.311
-0.017				8	-1627.05	3270.311
		0.034	0.007	7	-1628.08	3270.322
-0.028		-0.067	-0.022	11	-1623.97	3270.323
	-0.196	0.008		12	-1622.93	3270.323
0.116		0.03	0.008	10	-1625	3270.327
			-0.004	7	-1628.08	3270.333
	-0.095	-0.057		12	-1622.94	3270.339
0	-0.131	-0.009	-0.007	11	-1623.98	3270.347

-0.042				9	-1626.04	3270.35
		0.024		7	-1628.09	3270.353
		0.016		8	-1627.07	3270.354
		0.062		8	-1627.07	3270.356
0.081				11	-1623.98	3270.358
			-0.002	11	-1623.98	3270.358
0.001				7	-1628.1	3270.358
			-0.025	7	-1628.1	3270.364
0.175				7	-1628.1	3270.364
			0.01	10	-1625.02	3270.365
		0	0.01	10	-1625.02	3270.365
0.028	-0.203	-0.028	-0.029	12	-1622.95	3270.368
-0.048		-0.114		12	-1622.95	3270.371
-0.006	-0.162	-0.022		12	-1622.96	3270.376
0.113		0.022		10	-1625.03	3270.392
-0.075				9	-1626.06	3270.395
-0.04	-0.163	-0.039		12	-1622.97	3270.401
0.051				8	-1627.1	3270.42
			-0.005	8	-1627.11	3270.427
		0.051	0.011	7	-1628.13	3270.429
-0.021	-0.159	-0.034		12	-1622.98	3270.429
0.177		0.103	0.03	9	-1626.09	3270.436
		-0.009		10	-1625.06	3270.445
		-0.02	0.011	10	-1625.06	3270.449
-0.009	-0.125	-0.031		12	-1622.99	3270.45
				9	-1626.1	3270.458
0.098		-0.035	0.008	11	-1624.03	3270.461
		0.016	0.008	10	-1625.07	3270.462
		0.054	0.012	7	-1628.15	3270.463
		-0.097	-0.007	12	-1623	3270.463
			-0.003	7	-1628.15	3270.469
-0.036			0.027	9	-1626.1	3270.471
		0.001		9	-1626.1	3270.473
0.008				7	-1628.16	3270.475
-0.003			-0.003	7	-1628.16	3270.486
				9	-1626.12	3270.498
-0.062			0.029	9	-1626.12	3270.502
0.104		0.127		8	-1627.15	3270.505
		0.045		7	-1628.17	3270.507
			0.035	8	-1627.15	3270.512
		-0.052	-0.011	12	-1623.03	3270.524
0.026	-0.203	0.035		12	-1623.04	3270.536
-0.001	-0.274	0.054		12	-1623.04	3270.539
				7	-1628.19	3270.543
0.084			0	10	-1625.12	3270.558
0.025		-0.029		11	-1624.08	3270.559
			0.024	9	-1626.15	3270.559
			-0.002	7	-1628.21	3270.587

0.031		0.017	0.014	10	-1625.13	3270.588
0.042		0.021	0.014	10	-1625.13	3270.594
0.025		-0.032		12	-1623.07	3270.609
0.035	-0.262	0.014	-0.018	12	-1623.07	3270.611
		0.01	0.002	10	-1625.15	3270.618
				7	-1628.23	3270.63
		0.005	0.014	10	-1625.15	3270.633
0.004			0.012	10	-1625.16	3270.641
-0.029	-0.52	0.066	-0.046	12	-1623.09	3270.645
0.001	-0.202			12	-1623.09	3270.647
0.063			0.003	8	-1627.22	3270.649
0.046			0.002	11	-1624.13	3270.65
				8	-1627.22	3270.65
0.099		0.103	0.038	9	-1626.19	3270.65
			0	7	-1628.24	3270.651
0.096			0.019	11	-1624.13	3270.651
0.064		0.028	0.013	10	-1625.16	3270.652
		0.096	0.035	9	-1626.19	3270.653
0.096		0.117	0.03	8	-1627.23	3270.676
			0.008	12	-1623.11	3270.685
0.056		0.044		9	-1626.21	3270.687
0.004			0.008	12	-1623.11	3270.689
		0.012		9	-1626.22	3270.702
	-0.437	0.053	-0.035	12	-1623.12	3270.702
				7	-1628.27	3270.714
				9	-1626.22	3270.716
-0.112	-0.354		-0.044	13	-1622.09	3270.725
-0.013	-0.212	-0.003		12	-1623.13	3270.725
0.011				9	-1626.23	3270.729
		0.032	0.003	8	-1627.27	3270.747
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-0.034		0.074		8	-1627.27	3270.759
		0.029		9	-1626.25	3270.76
0.023		-0.019	0	12	-1623.15	3270.762
0.024		0.007		10	-1625.22	3270.763
0.006		0.011		9	-1626.25	3270.768
		0.011		9	-1626.25	3270.769
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0.001				12	-1623.16	3270.775
			0.025	8	-1627.28	3270.778
0.001				9	-1626.26	3270.783
0.011				7	-1628.31	3270.784
0.111		0.131		8	-1627.29	3270.784
0.116		0.129		8	-1627.29	3270.785
0.067			-0.003	11	-1624.2	3270.786
0.124		0.065		9	-1626.26	3270.789
		0.035		9	-1626.26	3270.793
-0.035	-0.328	-0.002	-0.024	12	-1623.17	3270.796

0.113		0.063		9	-1626.27	3270.801
			-0.001	7	-1628.32	3270.804
0.111		0.136	0.037	8	-1627.3	3270.804
		0.087		8	-1627.3	3270.822
-0.096	-0.409		-0.06	13	-1622.15	3270.835
0.065				9	-1626.28	3270.835
0.078			-0.004	9	-1626.29	3270.844
0.028			0.003	12	-1623.19	3270.848
-0.121	-0.479		-0.064	13	-1622.15	3270.848
		0.109		7	-1628.34	3270.849
		-0.072		10	-1625.26	3270.85
0.042	-0.124		-0.01	12	-1623.2	3270.865
-0.017	-0.286	-0.009	-0.02	12	-1623.2	3270.873
0.176		0.083		9	-1626.31	3270.879
0.01				7	-1628.36	3270.883
		0.051		9	-1626.31	3270.885
				7	-1628.36	3270.893
			-0.001	7	-1628.37	3270.896
			0.01	11	-1624.26	3270.906
0.097		0.074		9	-1626.32	3270.908
0.115		0.135	0.035	8	-1627.35	3270.912
0.011				7	-1628.38	3270.928
-0.024		0.035		9	-1626.33	3270.931
		0.058	0.025	9	-1626.33	3270.933
0.106		0.072		9	-1626.34	3270.937
0.098		0.116	0.022	8	-1627.36	3270.938
			-0.002	7	-1628.39	3270.939
0.02				7	-1628.39	3270.94
-0.103	-0.503	0.015	-0.069	13	-1622.2	3270.94
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0.111		0.134	0.034	8	-1627.37	3270.951
0.021			0	7	-1628.4	3270.96
0.154		0.136	0.037	9	-1626.35	3270.965
0.048	-0.128	-0.015		12	-1623.25	3270.967
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-0.02				9	-1626.36	3270.976
0.094		0.119		8	-1627.38	3270.98
0.032		0.029	0.015	10	-1625.33	3270.983
		-0.071		9	-1626.36	3270.995
			-0.002	7	-1628.42	3270.998
0.082		0.106		8	-1627.4	3271.008
			-0.009	8	-1627.4	3271.021
		-0.095	-0.014	12	-1623.28	3271.029
0.02		-0.084	-0.016	12	-1623.29	3271.036
-0.032		-0.096	-0.018	12	-1623.29	3271.036
-0.006			0.001	7	-1628.45	3271.066
		0.01		8	-1627.43	3271.072
0.16		0.086		9	-1626.4	3271.072

-0.09	-0.18	-0.055	-0.027	13	-1622.27	3271.075
			-0.013	9	-1626.41	3271.087
-0.11	-0.283	-0.065	-0.042	13	-1622.27	3271.087
-0.09	-0.183	-0.043	-0.029	13	-1622.27	3271.092
		0	0.004	10	-1625.39	3271.106
-0.037		-0.026	-0.011	12	-1623.33	3271.122
		0.061		9	-1626.44	3271.138
0.147		0.105		8	-1627.47	3271.148
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-0.054		-0.037	-0.014	12	-1623.35	3271.173
-0.17				8	-1627.48	3271.181
-0.08		-0.045		12	-1623.36	3271.184
-0.039		-0.049	-0.017	12	-1623.36	3271.189
		-0.012	-0.008	12	-1623.37	3271.195
-0.1		-0.113	-0.022	12	-1623.37	3271.199
0.124			0	9	-1626.47	3271.211
-0.012			-0.004	12	-1623.38	3271.215
			0.019	10	-1625.45	3271.217
-0.11	-0.248	-0.077	-0.038	13	-1622.34	3271.223
0.002	-0.207	-0.011		12	-1623.38	3271.225
-0.077	-0.445	0.068	-0.046	13	-1622.34	3271.227
-0.071		-0.1	-0.021	12	-1623.39	3271.238
-0.058	-0.236		-0.021	13	-1622.35	3271.239
-0.018		-0.004		12	-1623.39	3271.24
0.012		-0.08	-0.018	12	-1623.39	3271.244
-0.005		-0.087		12	-1623.4	3271.26
0.081		0.115		8	-1627.52	3271.262
			-0.002	7	-1628.55	3271.266
0.159				9	-1626.5	3271.266
0.083		0.115		8	-1627.53	3271.281
-0.014			0.001	7	-1628.56	3271.284
-0.097	-0.291		-0.029	13	-1622.37	3271.288
0.081		0.114		8	-1627.54	3271.293
-0.001	-0.146	-0.043	-0.005	12	-1623.42	3271.298
-0.048	-0.193	-0.017	-0.024	13	-1622.38	3271.305
			0.004	7	-1628.57	3271.312
-0.211				8	-1627.55	3271.312
				8	-1627.55	3271.322
0.063				10	-1625.5	3271.323
-0.018		0.006	-0.002	12	-1623.44	3271.35
-0.081	-0.245	-0.005	-0.022	13	-1622.41	3271.356
-0.042	-0.205		-0.018	13	-1622.41	3271.357
-0.052	-0.18		-0.02	13	-1622.41	3271.362
		0.023	0.006	8	-1627.58	3271.364
-0.001			0	7	-1628.6	3271.366
-0.085	-0.197	-0.084	-0.032	13	-1622.42	3271.379
				8	-1627.59	3271.388
-0.071	-0.221	-0.008	-0.02	13	-1622.43	3271.398

			-0.005	8	-1627.6	3271.406
				10	-1625.54	3271.408
		0.007	0.021	10	-1625.55	3271.418
-0.008			0.02	10	-1625.55	3271.429
-0.004		0.018	0.01	10	-1625.55	3271.429
	-0.277	0.018	-0.028	13	-1622.45	3271.434
			0.019	10	-1625.55	3271.435
		0.003		8	-1627.61	3271.436
0.014			0.003	8	-1627.61	3271.438
	-0.265	0.018	-0.027	13	-1622.45	3271.439
-0.039	-0.183	-0.02	-0.03	13	-1622.45	3271.44
		-0.027	-0.009	12	-1623.49	3271.441
-0.074	-0.159	-0.072	-0.034	13	-1622.45	3271.449
-0.035			-0.002	12	-1623.49	3271.451
-0.072	-0.191	-0.011	-0.018	13	-1622.46	3271.456
-0.09	-0.16	-0.094	-0.031	13	-1622.46	3271.46
-0.056	-0.195	-0.073	-0.031	13	-1622.46	3271.461
0.186				8	-1627.63	3271.465
	-0.243		-0.028	13	-1622.46	3271.468
0.106		0.014	0.015	11	-1624.54	3271.474
0.116		-0.022		10	-1625.57	3271.475
0.123			0.007	10	-1625.58	3271.482
				8	-1627.64	3271.488
-0.004			0.002	7	-1628.67	3271.495
0.122		0.008	0.014	11	-1624.55	3271.498
0.112			0.011	11	-1624.55	3271.501
0.103				10	-1625.59	3271.505
	-0.204	-0.008	-0.021	13	-1622.49	3271.522
-0.021		0.081		9	-1626.63	3271.532
	-0.195	-0.008	-0.02	13	-1622.5	3271.536
			-0.008	8	-1627.66	3271.54
		0.089		9	-1626.64	3271.556
0.118		0.042	0.011	11	-1624.59	3271.563
0.07				8	-1627.68	3271.563
	-0.167	-0.012	-0.018	13	-1622.52	3271.578
-0.013	-0.176	-0.019	-0.025	13	-1622.52	3271.588
0.115		0.015		11	-1624.6	3271.591
			-0.011	8	-1627.69	3271.598
		0.023		8	-1627.69	3271.601
		0.018		8	-1627.7	3271.616
0.033				10	-1625.65	3271.62
	-0.337	0.013	-0.039	13	-1622.54	3271.621
0.073	-0.132	0.033	-0.009	12	-1623.58	3271.625
	-0.31	0.051	-0.026	13	-1622.54	3271.629
-0.01	-0.168	-0.03	-0.027	13	-1622.55	3271.633
		-0.009		10	-1625.66	3271.651
0.099			0.011	9	-1626.69	3271.655
			0.003	10	-1625.67	3271.656

			-0.005	8	-1627.72	3271.66
0.016				8	-1627.73	3271.666
-0.014				10	-1625.67	3271.667
0.132		0.146	0.038	9	-1626.7	3271.668
0.068		0.003		10	-1625.67	3271.669
0.066			0.001	10	-1625.67	3271.67
		0.006		8	-1627.73	3271.677
		0.002		10	-1625.68	3271.68
		0.151		8	-1627.74	3271.688
				8	-1627.74	3271.692
			-0.006	8	-1627.74	3271.694
			0.031	10	-1625.68	3271.696
0.133		0.136	0.045	9	-1626.72	3271.7
-0.026			0.029	10	-1625.69	3271.703
		0.012	0.031	10	-1625.69	3271.713
		0.026		8	-1627.75	3271.721
0.011				8	-1627.76	3271.731
0.087		0.046	0.012	11	-1624.67	3271.74
0.05			0.001	9	-1626.74	3271.742
-0.012		-0.01		10	-1625.71	3271.745
0.249				9	-1626.74	3271.753
-0.015		-0.052	-0.019	12	-1623.65	3271.766
		0.024		8	-1627.79	3271.786
		0.025	0.011	10	-1625.73	3271.793
0.121		0.118		9	-1626.77	3271.798
		0.026	0.001	8	-1627.8	3271.808
-0.05	-0.163	-0.013		13	-1622.63	3271.81
-0.049	-0.133	-0.015		13	-1622.64	3271.816
-0.039	-0.154			13	-1622.64	3271.826
			-0.003	8	-1627.81	3271.833
		0.055		8	-1627.81	3271.834
		0.002		8	-1627.82	3271.843
0.025			-0.005	8	-1627.82	3271.843
			-0.007	8	-1627.82	3271.844
0.026				8	-1627.82	3271.848
-0.054	-0.166	-0.005		13	-1622.66	3271.856
0.021				8	-1627.82	3271.861
-0.071			0.027	10	-1625.77	3271.865
0.04		0.032	0.036	10	-1625.77	3271.87
			-0.007	8	-1627.83	3271.878
-0.071		0.007	0.001	12	-1623.71	3271.886
0.007		0.02		10	-1625.78	3271.888
-0.083		-0.008	0.026	10	-1625.78	3271.89
				8	-1627.84	3271.895
	-0.111	-0.015		13	-1622.69	3271.924
-0.04	-0.178	0.012		13	-1622.69	3271.929
		0.041	0.005	8	-1627.86	3271.935
0.111		0.064	0.018	10	-1625.81	3271.941

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0.018	-0.075	0.012	12	-1623.75	3271.959
	0.05	0.008	8	-1627.88	3271.968
	0.024	0.033	10	-1625.82	3271.97
	0.019	0.033	10	-1625.82	3271.973
0.202			8	-1627.88	3271.974
	0.051	0.034	10	-1625.82	3271.974
		-0.019	9	-1626.86	3271.977
0.111		0.007	8	-1627.88	3271.981
0.141	0.071	0.023	10	-1625.83	3271.991
	0.051	0.009	8	-1627.89	3271.993
0.024		0.033	10	-1625.84	3271.997
	0.022	0.003	8	-1627.89	3271.999
0.065	0.058	0.032	10	-1625.84	3272.001
	0.047	0.008	8	-1627.9	3272.009
0.106			8	-1627.91	3272.026
		0.032	10	-1625.86	3272.038
	0.094	0.035	9	-1626.89	3272.043
-0.003	0.093	0.035	9	-1626.89	3272.049
-0.01		-0.003	8	-1627.92	3272.049
	0.044	0.033	10	-1625.87	3272.057
	0.046		8	-1627.93	3272.064
0.008	0.057	0.035	10	-1625.87	3272.072
0.006		0.032	10	-1625.87	3272.072
0.141	0.152	0.035	9	-1626.91	3272.089
0.148	0.149	0.035	9	-1626.91	3272.091
	0.051	0.008	8	-1627.94	3272.095
	0.034	0.006	8	-1627.95	3272.105
0.06		0	12	-1623.82	3272.11
	0.04	0.007	8	-1627.95	3272.118
	0.018		8	-1627.96	3272.124
		-0.008	8	-1627.96	3272.141
0.084	0.046		10	-1625.91	3272.149
0.153	0.084	0.03	10	-1625.92	3272.175
	-0.062	-0.001	13	-1622.82	3272.175
0.101	0.125		9	-1626.96	3272.191
0.139	0.085	0.03	10	-1625.94	3272.204
-0.017	-0.065	-0.022	12	-1623.87	3272.207
-0.049	-0.057	0.003	13	-1622.84	3272.227
	0.085		9	-1626.98	3272.228
-0.021		-0.004	8	-1628.01	3272.239
-0.213			9	-1626.99	3272.239
0.112	0.136	0.043	9	-1627	3272.258
	0.028	0.003	8	-1628.03	3272.266
	0.044	0.01	8	-1628.03	3272.271
-0.09	-0.033		10	-1625.98	3272.276

-0.07		-0.132	-0.013	13	-1622.87	3272.278
0.128			0.006	9	-1627.01	3272.288
-0.021			0.011	9	-1627.01	3272.29
0.126		0.095	0.03	10	-1625.99	3272.296
			-0.002	8	-1628.04	3272.297
			0.01	9	-1627.02	3272.297
0.02	-0.138	0.02		13	-1622.88	3272.298
-0.041	-0.086	-0.078		13	-1622.88	3272.308
0.122		0.139	0.043	9	-1627.02	3272.312
0.082			0.01	12	-1623.92	3272.313
		-0.079	-0.027	10	-1626	3272.325
		0.068	0.01	9	-1627.04	3272.341
-0.128		-0.04		10	-1626.01	3272.346
0.124		0.089	0.029	10	-1626.01	3272.355
-0.01				9	-1627.05	3272.362
0.118		0.129		9	-1627.05	3272.367
		0.033	0.006	8	-1628.08	3272.369
0.169			-0.008	8	-1628.08	3272.374
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-0.017	-0.201	0.003		13	-1622.92	3272.382
			0.024	9	-1627.06	3272.383
0.111		0.131		9	-1627.06	3272.386
0.119		0.031	0.009	11	-1625	3272.391
0.115		0.137	0.042	9	-1627.07	3272.399
-0.046				10	-1626.04	3272.405
		0.015	-0.002	9	-1627.07	3272.405
		-0.004	0.01	11	-1625.02	3272.429
0.054			0.007	9	-1627.09	3272.443
0.183		0.1	0.027	10	-1626.06	3272.456
			-0.009	10	-1626.07	3272.466
		0.05	0.01	8	-1628.13	3272.472
0.176		0.106	0.03	10	-1626.08	3272.488
		-0.013		10	-1626.09	3272.502
0.006			-0.003	8	-1628.15	3272.513
0.178		0.125	0.035	9	-1627.13	3272.521
-0.039			0.027	10	-1626.1	3272.528
		-0.011		10	-1626.11	3272.545
		0.079	0.03	10	-1626.12	3272.566
			-0.003	8	-1628.19	3272.585
0.008		-0.049	-0.009	13	-1623.03	3272.594
0.096		0.114	0.026	9	-1627.19	3272.642
0.033		0.018	0.014	11	-1625.13	3272.654
0.058		0.033		10	-1626.16	3272.654
0.163		0.101		9	-1627.19	3272.655
			-0.001	8	-1628.23	3272.678
-0.04	-0.486	0.05	-0.042	13	-1623.08	3272.693
0.046				10	-1626.19	3272.704
0.012		0.101	0.035	10	-1626.19	3272.705

		0.097	0.035	10	-1626.19	3272.713
-0.122	-0.413		-0.054	14	-1622.05	3272.735
0.052		0.045		10	-1626.21	3272.739
0.151		0.133	0.04	10	-1626.21	3272.744
			0.004	8	-1628.27	3272.747
0.2		0.064		10	-1626.22	3272.756
		0.011		10	-1626.22	3272.761
0.003			0.008	13	-1623.11	3272.762
-0.067		0.063		9	-1627.25	3272.763
-0.116	-0.341	-0.012	-0.045	14	-1622.09	3272.798
0.132		0.055		10	-1626.25	3272.821
0.005		0.012		10	-1626.25	3272.827
-0.102	-0.468	0.03	-0.061	14	-1622.1	3272.83
0.011			0	8	-1628.31	3272.831
0.113		0.13		9	-1627.29	3272.838
		0.033	-0.004	10	-1626.26	3272.842
0.058			-0.006	10	-1626.27	3272.868
		-0.079		11	-1625.26	3272.904
-0.016		-0.079		11	-1625.26	3272.908
		-0.069	0.002	11	-1625.26	3272.913
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0.01			0	8	-1628.36	3272.93
			0	8	-1628.36	3272.941
0.089		0.074		10	-1626.32	3272.966
-0.107	-0.254	-0.048	-0.035	14	-1622.17	3272.975
0.011			-0.001	8	-1628.38	3272.975
-0.102		-0.079	-0.017	13	-1623.22	3272.976
0.02			-0.001	8	-1628.39	3272.987
0.133		0.146	0.044	10	-1626.34	3273.004
-0.042		-0.118	-0.019	13	-1623.24	3273.017
		0.003	-0.008	9	-1627.4	3273.073
-0.172			0.015	9	-1627.41	3273.094
0.18			0.018	10	-1626.39	3273.098
-0.094	-0.181	-0.053	-0.028	14	-1622.26	3273.145
-0.088	-0.194	-0.053	-0.027	14	-1622.26	3273.148
0.045			0.016	11	-1625.39	3273.17
0.16		0.155	0.045	10	-1626.43	3273.191
-0.035		-0.026	-0.011	13	-1623.33	3273.2
0.15		0.158	0.045	10	-1626.45	3273.233
-0.093	-0.401	0.045	-0.04	14	-1622.31	3273.242
-0.212			0.014	9	-1627.49	3273.249
			0.017	11	-1625.44	3273.268
			-0.005	9	-1627.55	3273.359
0.05				11	-1625.49	3273.367
		-0.016		9	-1627.57	3273.413
			-0.005	9	-1627.57	3273.416
		-0.004	-0.006	9	-1627.6	3273.456
		0.167	0.022	9	-1627.6	3273.471

		0.009	0.02	11	-1625.54	3273.48
0.009		0.011	0.022	11	-1625.54	3273.482
-0.012			0.019	11	-1625.55	3273.491
0.121		0.022	0.013	12	-1624.52	3273.5
	-0.304	0.027	-0.032	14	-1622.44	3273.506
0.209		0.126	0.046	10	-1626.59	3273.509
0.184			-0.002	9	-1627.62	3273.516
-0.059		0.068		10	-1626.6	3273.518
0.106		-0.019		11	-1625.57	3273.527
0.119		-0.015	0.003	11	-1625.57	3273.536
			-0.002	9	-1627.64	3273.538
0.113			0.006	11	-1625.57	3273.539
		0.149		9	-1627.64	3273.548
0.059				9	-1627.64	3273.555
0.073			0.002	9	-1627.67	3273.61
		0.006	-0.011	9	-1627.69	3273.64
		0.023	0	9	-1627.69	3273.654
		0.017	-0.001	9	-1627.7	3273.669
0.031			0.002	11	-1625.64	3273.68
		0.063	0.015	9	-1627.71	3273.682
0.031		-0.002		11	-1625.65	3273.686
0.013			-0.005	9	-1627.71	3273.688
			-0.005	9	-1627.72	3273.709
		-0.008	0.001	11	-1625.66	3273.717
		0.031		9	-1627.73	3273.718
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0.073		0.009	0.003	11	-1625.67	3273.73
0.244			-0.01	10	-1626.7	3273.735
0.008			-0.006	9	-1627.74	3273.741
-0.015			0.03	11	-1625.68	3273.749
		0.002	0.031	11	-1625.68	3273.761
-0.02		0.003	0.03	11	-1625.69	3273.768
		0.027	0.001	9	-1627.75	3273.774
-0.054	-0.103	-0.039		14	-1622.6	3273.821
0.034		0.038	0.014	11	-1625.72	3273.826
		0.023	-0.001	9	-1627.79	3273.84
0.023			-0.006	9	-1627.79	3273.856
0.017			-0.006	9	-1627.8	3273.871
0.069		0.044	0.034	11	-1625.74	3273.873
		-0.005	-0.004	9	-1627.81	3273.884
			-0.006	9	-1627.81	3273.895
0.195			-0.014	9	-1627.82	3273.914
-0.062		0.007	0.028	11	-1625.77	3273.928
0.04		0.034	0.036	11	-1625.77	3273.936
-0.071		-0.095	-0.008	14	-1622.67	3273.971
0.116		0.065	0.019	11	-1625.81	3274.005
0.056		0.062	0.033	11	-1625.81	3274.02
0.115			0.008	9	-1627.88	3274.024

		0.024	0.033	11	-1625.82	3274.034
0.041			0.032	11	-1625.82	3274.041
		0.051	0.009	9	-1627.89	3274.047
0.014		0.1	0.037	10	-1626.89	3274.098
0.143		0.151	0.035	10	-1626.91	3274.148
		0.099	0.014	10	-1626.91	3274.15
		0.013	-0.004	9	-1627.95	3274.169
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-0.099		-0.059		11	-1625.94	3274.265
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		-0.055	-0.021	11	-1625.98	3274.351
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47.156	0
47.157	0
47.164	0
47.409	0
47.422	0
47.425	0
47.736	0
47.782	0
47.8	0
47.936	0
47.999	0
48.125	0
48.301	0
49.232	0

Intercept	Elevation	Fragment_a	Distance_t	Distance_t	Maximum_	Connectivit	Inner_fragn	Distance_t
-1.169			17.039	1.597	-19.882	2.542		
-0.769		1.472	18.785	1.602	-23.743	2.557		
-1.092			17.94	1.601	-19.953	2.481		-2.054
-1.076			18.076		-20.101	2.485		-2.067
-1.273			16.755	1.597	-22.602	3.368	2.858	
-1.225			20.057	1.6	-23.612	2.882		
-0.876	7.227	1.407	18.822	1.599	-16.593	2.392		
-1.27		-0.231	18.622	1.599	-21.638	2.772		
-1.32	18.459		15.353	1.608		2.115		-1.078
-1.176			16.732	1.597	-19.694	2.544		0.306
-1.176	0.688		17	1.597	-19.182	2.529		
-1.565	22.104		18.779	8.092		2.349		-1.415
-0.782		1.355	18.094	1.614	-22.933	2.576		
-1.026	18.485	0.992	14.275	1.592		1.782		
-0.801		1.441	19.699	1.589	-24.613	2.574		
-0.798		1.384	20.066	1.592	-24.33	2.444	-0.671	
-1.194	6.898		18.233	1.6	-13.713	2.389		-1.879
-1.144			18.878		-23.34	3.275	2.776	-3.289
-1.157			18.732	1.602	-23.138	3.256	2.726	-3.255
-0.801		1.443	19.946	1.592	-24.815	2.601		-0.226
-1.109			20.344		-22.981	2.747		-2.01
-1.123			20.153	1.604	-22.759	2.736		-2
-1.329	23.961	1.095	18.857	10.228		2.227		-0.053
-1.075	10.356		7.382	1.626		1.906		
-1.275	16.324		12.957	1.611		2.064		
-1.133			17.31		-19.953	2.528		-0.528
-1.139	4.381		18.24		-16.107	2.42		-1.955
-1.116		-0.123	18.835		-20.886	2.585		-2.189
-1.12		-0.088	18.48	1.602	-20.511	2.552		-2.141
-1.085			17.989	0.956	-20.007	2.482		-2.059
-0.782		1.434	19.671		-24.538	2.578		-0.192
-0.992		0.721	19.736	1.599	-23.849	2.682		
-1.42			14.172	9.788	-18.798	2.681		4.538
-1.176	13.957		12.784	1.611		1.528	-2.011	
-1.256	17.344		14.307			2.052		-0.972
-1.272			18.787	1.599	-24.072	3.304	1.89	
-0.964			12.845	1.61	-12.294	1.441	-3.11	
-1.244	-11.524		15.447	1.608	-35.221	4.375	5.549	
-1.78	27.511		20.314	9.608		3.473	4.049	-3.063
-1.277	25.486	1.426	16.162	11.397		3.118	5.448	-2.085
-1.254			19.539	1.6	-23.472	2.922		0.807
-1.271			17.549	1.597	-23.533	3.492	3.29	-0.813
-1.248	21.511		20.501	1.585		1.956		-6.603
-1.298		-0.072	17.273	1.598	-22.984	3.388	2.678	
-1.266	-1.189		16.833	1.597	-23.914	3.42	2.942	
-1.323	20.949		18.683	1.607		2.138		-3.679
-1.214	-0.816		20.112	1.6	-24.457	2.897		

-0.907		0.88	19.882	1.603	-23.754	2.621		-0.962
-0.878	6.931	1.327	18.267	1.607	-16.235	2.399		
-1.675			17.853	12.774	-24.7	3.398		6.983
-0.892	7.056	1.377	19.459	1.593	-17.303	2.409		-0.158
-1.196	21.307		20.515			1.918		-7.095
-0.876	6.705	1.389	18.969	1.595	-17.206	2.392		
-0.885	6.955	1.377	19.334	1.596	-17.124	2.361	-0.251	
-1.071			19.858	1.613	-19.91	1.928	-3.768	
-1.302	8.598		19.308	1.601	-16.285	3.367	3.554	-3.401
-1.102	-18.009		12.412	1.601	-34.433	2.963		4.643
-0.922		0.787	20.326		-24.096	2.659		-1.109
-1.127	27.06	1.021	18.698	1.582		3.518	8.832	-10.417
-1.387	20.501		15.523	1.61		2.629	2.003	-1.838
-0.848		1.052	19.878	1.608	-23.104	2.323	-1.405	
-0.966	9.983	0.372	7.205	1.619		1.676		
-1.568			14.778	11.019	-23.361	3.858	4.054	3.778
-0.986	18.197	1.119	13.729	1.608		1.85		
-0.929			5.468	1.631	-7.992	2.024		
-1.037	17.329	0.82	13.295	1.61		1.843		
-1.457	25.513	0.785	15.425	10.357		3.689	7.983	-4.047
-1.295		-0.251	18.257	1.599	-21.503	2.8		0.538
-1.224			18.096		-23.642	3.44	3.163	-1.612
-1.201			19.932		-23.473	2.875		-0.082
-1.689	21.085		16.63	11.526		2.445		1.526
-1.265	-0.804	-0.242	18.723	1.598	-22.516	2.796		
-1.269	21.035		19.127			2.096		-4.565
-1.224	17.1	0.155	14.153	1.607		1.953		-0.959
-1.243	6.036		19.261		-18.521	3.352	3.384	-3.402
-1.284			9.659	1.606	-18.632	3.942	6.84	
-1.413	-25.649	-0.8	16.957	1.601	-47.682	3.901		6.672
-1.298	17.953		14.969	1.607		2.068		-1.095
-0.919		1.881	15.874	11.387	-23.308	2.573		5.58
-1.229	6.293		20.317	1.603	-16.922	2.654		-1.855
-1.115	15.334	1.275	19.659	7.795	-9.326	2.332		-0.155
-0.967	17.943	1.153	12.738	1.601		1.951	0.938	
-1.383	14.319		18.662	5.626	-7.154	2.366		-1.686
-1.097	27.127	0.986	19.155			3.475	8.614	-10.928
-1.667	24.385		20.503	8.71		2.559		-1.33
-1.756	-27.124	-0.938	14.483	12.032	-48.923	4.204		12.357
-1.437	-30.001		12.471	12.74	-50.871	3.984		13.55
-1.173	-0.506		16.652	1.597	-20.144	2.555		0.414
-1.185	13.782		10.145	1.628		2.139		
-1.011	18.236	1.075	13.772	1.599		1.826		0.251
-1.209	24.526	1.625	18.643	11.483		2.122		0.593
-0.809		1.433	19.626	3.444	-24.424	2.576		-0.224
-1.491	21.088	0.106	17.884	7.983		2.227		-1.329
-0.795		1.511	18.918	1.59	-24.202	2.56		0.785
-1.41	23.737	1.245	17.395	13.601		2.308		2.492

-1.057	-17.806		12.717		-34.205	2.931		3.781
-1.31	-17.857		9.686	10.289	-33.122	3.009		8.857
-1.166	3.495		20.399		-19.689	2.695		-1.931
-1.132			19.62		-23.527	3.115	1.787	-2.806
-0.803		1.417	19.909	1.59	-24.586	2.53	-0.242	
-1.148			19.621	1.604	-23.52	3.12	1.788	-2.81
-0.796		1.373	20.104	1.595	-24.135	2.382	-0.989	0.149
-1.134		0.108	18.198	1.601	-22.958	3.293	3.15	-3.334
-1.221			14.08	1.608	-21.747	4.15	7.542	-5.156
-1.15			18.801	0.785	-23.235	3.265	2.751	-3.271
-1.129		0.069	18.538		-23.223	3.297	3.043	-3.338
-1.213	6.856	-0.048	18.57	1.6	-14.105	2.436		-1.93
-1.239		-0.235	18.698		-21.587	2.758		-0.337
-1.115			20.251	0.737	-22.874	2.741		-2.005
-1.206			14.249		-21.989	4.174	7.607	-5.196
-0.847	5.035	1.388	19.325		-19.167	2.437		-0.148
-1.735		-0.451	16.746	11.549	-22.402	3.267		6.039
-1.173	15.128	0.189	11.963	1.609		1.888		
-1.149	-27.27		15.096	1.605	-48.178	3.686		7.3
-1.098	12.083		7.621	1.628	1.419	1.882		
-1.081	21.793	0.862	18.656	1.608		1.949		-3.422
-1.276	16.335		13.064	1.61		2.045	-0.1	
-1.274	16.274		12.919	1.611		2.061		
-1.034	7.915		5.302	1.588		1.644		
-0.96	-17.226		14.258	1.614	-33.668	2.841		
-1.132	-0.262		17.271		-20.188	2.534		-0.471
-1.369	-25.573	-0.79	17.439		-47.764	3.879		5.823
-1.102	8.205		13.707	1.61	-5.734	1.474	-2.736	
-1.12	19.887	0.375	18.883	1.581		1.725		-5.958
-1.172	4.212	-0.097	18.879		-16.935	2.51		-2.059
-1.291	17.099		15.302	1.612		1.763	-2	
-1.425	17.794		15.02	9.141		1.947		-1.264
-1.244		1.036	16.41	12.142	-23.561	2.903		6.416
-1.227	-13.786		14.03	1.603	-35.036	3.934	3.723	2.446
-1.027		0.728	18.899	1.599	-24.294	2.998	1.381	
-0.786		1.358	20.284		-24.138	2.336	-1.246	0.251
-0.997		0.787	18.956	1.599	-23.521	2.69		0.915
-1.117		-0.107	18.666	0.73	-20.708	2.569		-2.166
-1.313	19.016		14.514			2.46	1.557	-1.567
-1.065	19.58	0.359	18.805			1.686		-6.447
-1.719	26.45		17.346	9.353		3.917	7.561	-4.74
-1.38	29.828		21.049	1.596	7.4	1.948		-6.863
-0.784		1.45	19.557		-24.505	2.576		-0.008
-0.987	1.975	0.807	19.464	1.602	-21.736	2.619		
-1.17	16.234	0.16	13.336			1.903		-0.868
-0.933	8.525	0.57	6.019	1.58		1.425		
-1.91	26.46		18.104	13.245		3.569	4.025	0.014
-1.497	-12.882		11.298	11.508	-33.863	4.199	4.464	6.875

-1.132	13.51	0.102	12.243	1.61		1.489	-1.834	
-1.429	24.646		19.819	1.608		2.905	2.934	-5.393
-1.234	16.726		13.891			1.99		-1.032
-1.416	-0.411		14.101	9.776	-19.15	2.687		4.615
-1.264	-8.333		14.143	1.603	-30.596	4.182	5.667	
-1.208	-11.157		18.765	1.6	-34.69	3.278		3.34
-1.972	39.873		17.474	14.569	18.018	2.128		-0.677
-1.538	-14.485		16.102	12.378	-38.101	3.684		9.806
-1.31	22.513	1.154	12.512	11.515		3.353	8.421	-4.017
-1.211	14.581		11.944	1.567		1.763		-0.948
-0.961	5.35	0.941	19.631	1.601	-18.402	2.485		-0.762
-1.349	24.025		22.244	1.59		2.207		-6.265
-1.311	24.058		21.147	1.584		2.51	2.249	-7.954
-1.526	36.893	1.209	11.538	15.28	13.666	3.411	9.324	-3.693
-1.566	18.539		20.097	6.78	-8.179	3.49	4.078	-3.38
-1.263			7.956	1.628	-19.956	4.675	9.099	
-1.074	25.902	1.145	18.163	1.599		3.162	6.671	-7.792
-1.112	-26.949		15.534		-47.927	3.656		6.398
-1.057	21.959	0.795	19.246			1.933		-4.333
-1.183	19.221	0.522	12.38	1.604		2.777	4.494	-2.432
-1		-0.152	13.849	1.614	-12.937	1.444	-3.538	
-1.099		0.604	7.882	1.616	-18.379	4.034	7.818	
-1.137	11.957		11.366	1.571		1.213	-2.246	
-1.339	17.434		6.992	1.608		4.069	11.198	-5.909
-1.275	15.45		11.395	1.593		2.183		
-1.283	27.549		20.653		5.83	1.898		-7.272
-1.257	-1.701		18.893	1.599	-25.927	3.368	1.992	
-1.264	24.068		21.4			2.483	2.232	-8.53
-1.272			18.797	1.599	-24.115	3.318	1.97	-0.087
-1.23	-10.898	0.061	15.048	1.607	-34.258	4.33	5.621	
-1.225	27.118	1.115	17.644	5.997		3.662	9.478	-9.095
-1.158	25.681	0.852	17.606	1.597		3.405	7.788	-8.505
-1.367	20.109		13.158	1.602		3.131	5.487	-3.538
-1.208	22.164	1.458	16.836	10.385	-3.498	3.066	4.837	-1.896
-1.103	9.995	1.631	17.115	12.012	-14.005	2.455		4.017
-0.944			8.332	1.635	-11.501	2.286		
-1.229	9.759	0.317	17.555	1.597	-14.579	3.454	4.978	-3.665
-1.187	5.847		20.105	1.612	-14.876	1.961	-3.451	
-1.215	19.649	0.193	17.604	1.604		1.953		-3.689
-1.141	31.39	1.038	17.74	1.596	5.095	3.403	8.808	-10.259
-1.26	23.029		21.642			2.099		-6.78
-1.253	25.465	1.52	16.227	11.575		3.042	5.137	-1.831
-1.284	25.369	1.434	16.033	11.718		3.098	5.301	-1.752
-1.318			13.047	1.603	-22.277	4.35	8.007	-2.565
-1.291	21.246		19.984	3.292		1.967		-5.882
-1.618	22.664		9.317	8.504		4.986	14.8	-7.8
-1.284	2.153		17.905	1.598	-21.74	3.475	3.404	-1.316
-0.911	5.79	1.155	19.492	1.605	-17.667	2.303	-0.84	

-1.278		-0.02	17.647	1.598	-23.587	3.49	3.219	-0.773
-1.173	-13.774		14.286		-34.76	3.846	3.534	1.648
-0.878		0.292	5.643	1.626	-8.092	1.904		
-1.294	-1.731	-0.097	17.546	1.598	-25.007	3.467	2.74	
-0.92		0.87	19.621	1.603	-24.102	2.806	0.87	-1.369
-0.917	9.276	1.281	19.933	1.597	-15.127	2.357		-1.087
-0.975		0.713	19.43		-23.573	2.676		0.052
-1.329	21.118		18.811	1.607		2.153		-3.682
-1.037		0.699	11.452	1.619	-21.095	4.256	8.59	-4.407
-1.777	25.905		21.317	10.661		2.686		-1.068
-0.906		0.913	19.936	2.246	-23.852	2.621		-0.932
-1.653			17.169	12.366	-24.741	3.597	1.319	6.086
-1.206	15.588	0.536	13.073	8.84		1.602		-0.977
-1.367	24.518		20.171			2.825	2.804	-6.204
-0.884	7.269	1.402	18.829	1.592	-16.913	2.491	0.617	-0.363
-0.879	6.757	1.387	19.091	1.595	-17.232	2.386	-0.059	
-1.312	9.173		18.802	1.6	-15.597	3.452	4.186	-3.681
-1.271	-54.744		13.278	13.982	-72.936	3.162	-7.835	23.259
-0.947	2.903	0.807	19.872		-20.838	2.565		-0.984
-1.165	-10.368		19.29		-34.004	3.221		2.295
-1.881	24.303		18.692	13.486		2.793		2.469
-0.951	17.108	1.059	12.775			1.75		0.313
-1.353	-12.411	-0.529	17.962	1.598	-34.475	3.338		3.428
-0.932		0.768	19.765		-24.177	2.842	0.955	-1.537
-1.023		0.68	11.622		-21.305	4.267	8.635	-4.446
-1.053	26.191	1.088	18.724			3.187	6.853	-8.789
-1.573			10.428	11.111	-22.016	4.606	8.533	2.031
-1.465		-0.54	11.099	1.603	-19.6	4.108	6.646	
-0.953		1.795	16.758	11.987	-22.814	2.201	-2.178	7.033
-0.837			-1.273	1.625		1.39		
-0.985	11.577	0.378	7.429	1.618	1.317	1.644		
-1.163	19.781	0.203	18.083			1.914		-4.563
-1.118	25.933	0.849	18.218			3.375	7.739	-9.347
-1.107	17.594	0.606	13.897	1.607		1.887		-0.345
-1.222			19.246		-24.17	3.275	1.94	-0.947
-1.348	8.017		12.911	1.604	-14.785	4.527	10.335	-6.244
-1.2	6.992	0.217	18.122		-17.27	3.419	4.361	-3.584
-1.106	30.631	1.001	18.366		4.141	3.38	8.598	-10.808
-1.415	13.538		20.633	5.24	-10.377	2.624		-1.679
-1.602	3.125		15.33	11.159	-20.822	3.848	4.183	3.168
-1.615		-0.098	15.268	11.221	-23.689	3.868	3.692	4.116
-1	18.298	1.068	14.346	1.609		1.764	-0.556	
-0.984	17.625	1.028	13.33	1.61		1.828		
-1.185	17.217		7.101	1.587	7.051	1.604		
-1.615	-29.733	-0.497	13.856	12.575	-51.686	4.196		13.363
-1.025	12.771	0.504	10.362	1.565		1.451		-0.694
-1.015	17.32	0.9	12.936	1.609		1.889	0.305	
-1.279			13.544		-22.396	4.322	7.944	-3.368

-1.468	25.419	0.773	15.301	10.594		3.687	7.917	-3.808
-1.238	2.313		18.469		-21.705	3.42	3.29	-2.157
-1.452	25.123	0.777	15.498	10.218	-0.414	3.692	7.949	-4.057
-1.231		-0.021	18.196		-23.694	3.437	3.089	-1.571
-1.704	21.233	-0.017	16.734	11.619		2.468		1.575
-1.265	20.927		19.046			2.086		-4.563
-1.742	-18.449	-0.786	15.442	11.735	-40.615	3.897		10.199
-1.243	6.05		19.25		-18.504	3.353	3.398	-3.409
-1.366	-26.71	-0.651	16.837	1.602	-48.904	3.918		7
-1.436	-28.574	-0.961	17.328	1.6	-50.149	3.774	-1.221	7.812
-0.966	18.463	1.197	12.428	1.598		2.14	2.045	-0.476
-1.112	17.974	1.513	19.425	9.137	-6.916	2.258		0.217
-1.151	11.406		8.578	1.574		1.722		
-1.398	37.114	1.18	15.485	10.151	10.754	3.614	9.901	-7.629
-1.177	13.992		11.366			1.742		-0.879
-1.343	18.24		16.104	1.578		1.752	-1.974	
-0.961	9.512		13.219	1.581			-6.131	
-1.366	14.53	0.049	18.297	5.792	-6.57	2.313		-1.627
-1.188	12.211		10.663	1.629	-2.199	2.257		
-0.805		1.44	19.507	1.591	-23.742	2.289	-1.423	1.498
-1.784	-29.452	-1.069	14.8	12.066	-50.989	4.132	-0.915	13.291
-0.901	9.535	1.21	20.497		-15.035	2.349		-1.957
-1.275	24.026	1.582	17.637	13.131		2.177		1.961
-1.283	16.28		6.499			3.867	10.392	-5.489
-1.154			10.648	1.631	-21.05	4.694	9.323	-4.704
-1.794	39.174		21.113	9.373	15.105	2.135		-4.407
-0.819		1.397	20.318	3.326	-24.551	2.46	-0.756	0.032
-1.53	30.959	0.491	13.792	12.561	13.606	1.623		-0.473
-1.178	26.113	0.387	18.426	1.595	6.414	1.644		-6.004
-1.297	-11.272	-0.491	18.479		-33.431	3.257		2.299
-1.289	5.102		13.513		-17.565	4.416	9.384	-5.889
-1.415	24.934		17.496	1.6		3.625	7.707	-8.264
-0.966	15.51	0.583	6.862	1.583	5.953	1.247		
-1.126			10.894		-21.334	4.685	9.386	-4.767
-0.946	14.452		16.566	1.591			-4.333	
-1.14			19.719	0.728	-23.633	3.126	1.789	-2.815
-1.276		-0.278	14.991		-22.217	4.193	7.369	-5.458
-1.252		-0.152	14.307	1.609	-21.618	4.125	7.325	-5.237
-1.132		0.093	18.327	0.959	-23.058	3.294	3.108	-3.335
-1.296	18.617		12.247			2.937	4.897	-3.212
-1.216			14.13	1.109	-21.819	4.157	7.562	-5.168
-1.005	-18.922	-0.222	15.469	1.613	-36.612	3.031		
-0.944	12.564		14.516	1.568			-4.039	
-0.963			3.607	1.591	-5.919	1.782		
-1.137	18.145	0.463	11.955			2.6	3.808	-2.138
-1.074	-37.231		15.579	1.606	-57.115	3.352	-3.172	10.983
-1.155	15.004	0.259	11.099	1.608		2.019	0.784	
-0.935	11.039		14.591	1.602			-6.004	

-0.983	-14.894		13.46	1.609	-30.326	2.682		
-0.846	4.897	1.378	19.424		-19.258	2.406	-0.177	-0.087
-1.049	23.048	1.084	19.703	1.605		1.952		-3.8
-1.336	18.144		14.494	1.576		2.113		-0.698
-0.984	10.311	0.435	9.008	1.572		1.179	-1.277	
-1.173	19.495	0.412	18.143	4.257		1.725		-4.925
-0.932	9.674		12.825	1.603			-6.049	1.336
-1.127	24.908	0.367	18.81		5.096	1.65		-6.579
-1.026	14.034		18.328	1.602			-7.926	
-1.365	-40.537		16.579	13.61	-61.31	2.921	-7.688	19.722
-1.423	22.059		10.5	1.604		4.704	14.008	-10.283
-1.468	33.146		22.057	1.597	7.57	2.591	2.498	-8.434
-1.274	16.368		13.228	1.61		2.014	-0.252	
-1.031	-8.455		13.903		-28.91	3.988	5.398	-3.826
-1.393	-28.855	-0.97	17.847		-50.509	3.731	-1.38	7.101
-2.096	40.544		21.18	14.541	14.133	2.588		-0.688
-0.971	10.379	0.55	7.834	1.57		1.407		
-0.849	-14.275		11.515		-27.401	2.579		-1.47
-1.339	-26.287	-0.692	17.366		-48.594	3.892		6.045
-1.12	8.041	-0.058	14.129	1.611	-6.173	1.486	-2.912	
-1.391		0.611	8.127	11.985	-21.132	4.589	9.237	2.644
-1.363	24.998		17.911			3.591	7.768	-9.201
-1.119		0.634	10.534	1.615	-21.326	4.387	8.85	-2.182
-1.439	-8.779	-0.565	15.721	1.601	-31.942	4.317	5.283	
-1.47	18.959		15.204	9.484		2.219	1.057	-1.681
-1.809	25.834		16.463	11.758		3.854	6.672	-2.281
-2.166	45.572		18.599	16.304	20.135	2.801	2.396	-1.588
-1.274	-5.346	0.853	16.14	12.12	-28.845	3.11		7.552
-1.078			18.388	1.572	-18.786	1.813	-3.423	
-1.019	-4.705	0.668	18.863	1.599	-28.389	2.884		1.938
-1.575			7.436	12.409	-22.147	5.212	10.401	3.447
-1.021		0.758	18.807	1.599	-24.053	2.914	0.974	0.457
-0.79		1.378	20.115		-24.032	2.31	-1.372	0.656
-1.021	1.262	0.769	18.624	1.599	-22.716	2.92	1.294	
-1.555	25.64		22.784	5.956		2.443		-4.523
-1.252		1.024	16.465	12.113	-23.735	2.953	0.194	6.286
-1.512	-67.129	-0.849	16.028	14.595	-85.908	3.151	-11.827	28.127
-1.279			9.884	1.627	-22.123	4.954	9.901	-1.674
-1.642	22.674		17.844	8.153	-3.762	3.879	7.064	-4.65
-1.025	7.151	0.893	18.768	1.599	-17.531	2.976	2.54	-1.933
-1.397	29.345		21.596	1.596	6.135	2.046		-6.678
-1.06	-7.56		13.371	1.626	-27.849	4.052	5.773	-3.881
-1.336	18.729		19.387	1.597		1.245	-5.332	
-0.85			18.632	1.589	-14.51		-5.891	
-0.828	-8.646		3.452	1.636	-14.234	2.136		
-1.365	30.472		21.684		5.766	2.49	2.296	-8.714
-1.108	16.614	0.395	13.315			1.868		-0.558
-0.954	8.522		11.481	1.576			-5.704	1.231

-1.542	18.999	-0.577	8.867	1.604		4.327	11.6	-6.874
-1.12	-23.164		19.272	1.6	-45.529	2.918	-3.611	7.666
-0.994	12.306	0.498	9.907			1.432		-0.641
-0.86			0.164	1.628	-1.546	1.492		
-1.066	10.387		11.136	1.577		0.891	-3.474	
-1.378	24.293		21.024	3.51		2.573	2.354	-7.364
-1.387	22.282		11.045			4.693	14.044	-11.192
-1.353	24.778		22.12	1.587		2.464	1.434	-7.341
-1.301	16.312		12.33	1.585		2.148		
-1.152	13.303		11.464	1.569		1.512	-0.791	-0.613
-1.184	15.338		11.145	1.571	1.538	1.679		-0.815
-1.016	20.153	1.231	18.796	1.597	-5.68	3.002	4.925	-5.782
-0.988			9.794	1.573	-9.485	1.265	-2.631	
-0.865	-13.785		10.854	1.626	-26.257	2.533		-1.366
-0.924	9.768		12.957				-6.132	1.367
-1.011	22.715	1.014	19.792			1.914		-4.563
-1.043	-34.878		15.743		-54.73	3.342	-2.645	9.339
-1.477		-0.512	14.216	1.601	-22.864	4.455	7.705	-2.555
-1.016			8.711	1.597	-12.152	2.301		
-1.135	14.289		10.611	1.574	2.649	1.213	-1.851	
-1.29	-14.092	-1.038	15.63	1.605	-31.144	2.988		
-1.07	25.95	1.162	18.218	1.598		3.155	6.638	-7.793
-0.859	0.919		-0.371	1.627		1.409		
-1.182	19.129	0.502	12.303	1.603		2.779	4.555	-2.491
-0.833					-1.333	1.489		-0.11
-1.286	16.558		11.251	1.593	1.28	2.136		
-1.295	27.068		21.128		4.706	1.972		-7.132
-1.161	16.088	1.582	16.622	11.642	-8.745	2.812	2.692	1.265
-1.766	25.359		22.629	10.215		2.237	-2.563	0.009
-1.031	15.479	0.822	9.379	1.559		2.289	4.161	-2.11
-1.267	23.953		21.538			2.406	1.676	-8.06
-0.648	-136.961		10.861	23.241	-141.947		-34.459	59.322
-0.843	1.159					1.397		-0.198
-1.554	17.607		11.111	6.869	-5.906	4.941	13.561	-7.467
-1.18	19.692	0.658	17.606	1.597	-5.506	3.424	6.768	-6.758
-1.641	21.318		7.843	10.29		4.854	14.1	-5.696
-0.812	2.601					1.669		0.626
-1.089	12.451		16.171	1.594			-8.64	2.796
-1.204	22.341	1.489	16.823	10.5	-3.311	3.045	4.769	-1.822
-1.079		0.639	10.991		-21.447	4.366	8.813	-2.981
-0.836			13.263	1.602	-9.061		-6.692	1.279
-1.255	25.437	1.517	16.191	11.648		3.04	5.115	-1.76
-1.67	22.947	-0.168	9.785	8.325		5.032	14.796	-8.018
-1.032			9.532	1.572	-11.524	1.946		-1.043
-0.962	5.878					2.67	4.734	-1.808
-0.903		0.454	4.277	1.586	-6.536	1.66		
-0.994	-4.467	0.603	19.202		-28.073	2.855		1.081
-0.989		0.701	19.024		-23.857	2.88	0.989	-0.394

-0.797					-2.507	1.745		0.565
-0.951			19.406	1.593	-13.987		-10.712	3.265
-1.005	4.515	0.769	19.295		-20.121	2.971	2.066	-1.942
-0.876		-0.244	-1.276	1.628		1.477		
-1.045		0.706	11.369	2.385	-20.974	4.24	8.555	-4.381
-0.944			4.201	1.614	-5.227	1.531		
-1.236			10.321		-22.203	4.926	9.845	-2.472
-0.915		0.908	19.541	2.222	-24.06	2.796	0.857	-1.313
-1.022	16.478		11.948	1.592	7.562		-5.769	
-1.04	-0.107	0.692	11.496	1.617	-21.218	4.258	8.56	-4.403
-1.44	31.638	0.421	17.36	8.375	11.807	1.699		-3.666
-0.815			13.446		-9.226		-6.729	1.273
-1.281	17.097		13.56			2.047		-0.638
-0.958	12.621		16.77	1.583			-5.793	-2.252
-0.941	17.577	1.145	12.085			2.005	1.453	-0.216
-1.094	-20.23		19.72		-42.921	2.927	-2.97	5.855
-1.019	-2.357	0.564	12.346		-23.489	4.17	7.702	-4.257
-1.692		-0.363	11.405	10.928	-22.624	4.716	8.382	1.94
-1.451		-0.557	14.948		-23.178	4.448	7.653	-3.429
-0.961	8.664		11.765				-5.945	1.308
-1.972	44.898		22.53	10.453	16.454	2.989	3.179	-6.076
-0.882	2.498					1.596		0.499
-0.807			3.204	1.599			-6.077	2.429
-1.28	-47.858	-0.861	18.46	1.602	-68.313	3.287	-6.783	14.783
-1.29		-1.26	7.013	1.61	-7.449	1.947		
-0.835			-1.406	1.627		1.416		0.143
-0.999	20.707	1.167	19.314		-5.393	3.03	5.167	-6.85
-0.94			19.74		-14.281		-10.87	3.334
-1.122	8.523		1.62	1.614		2.725	5.451	
-0.841			-1.226	1.625		1.386		
-1.299	12.472		18.734	1.573	-7.797	1.856	-2.744	
-1.459	9.026	-0.347	13.783	1.603	-14.349	4.628	10.454	-6.743
-1.044	25.768	1.08	18.432			3.139	6.682	-8.603
-0.933	11.95		14.424	1.592			-4.277	
-0.835			-1.316	1.626		1.405		
-1.528	18.171	-0.704	8.765			4.182	10.876	-6.658
-0.838			-1	1.624		1.327	-0.214	
-0.879					-6.196	2.883	4.188	-1.104
-0.928	12.857		17.154				-5.753	-2.804
-1.192	16.263		8.092	1.581	5.143	1.64		
-1.084	10.621		13.866	7.031			-6.054	1.092
-1.139	19.445	0.643	18.202		-5.934	3.389	6.629	-7.47
-1.023	14.73	0.523	9.741	1.569	2.474	1.378		-0.537
-0.896	-8.296				-12.409	2.132		5.134
-0.985	17.811	1.028	13.882	1.611		1.753	-0.452	
-1.568	7.733	0.17	15.292	11.009	-16.508	3.816	5.003	1.675
-0.923			4.34	1.617	-5.001	1.532		-1.044
-1.018			9.537		-11.545	1.945		-1.039

-0.891	8.366		17.251	1.589	-5.959		-4.943	
-1.337	17.596		16.874	1.585		1.413	-4.023	0.95
-0.937	14.972	0.423	18.37	1.604			-7.12	
-1.566	49.696		19.248	1.595	22.961	3.481	10.436	-15.782
-1.016			6.594	1.577	-8.94	1.865		
-1.011	10.728		13.98	5.362			-6.14	1.225
-0.815			-1.437			1.416		0.164
-1.15	13.143		11.467			1.49	-1.036	-0.498
-0.817			15.147	1.596	-10.705		-6.36	
-1.396	5.678	-0.388	14.318		-17.185	4.448	9.186	-6.282
-0.888	12.287	0.288	13.81	1.567			-3.543	
-1.868	38.963		22.261	10.063	13.085	2.367		-3.759
-1.176	13.893		11.387		-0.113	1.744		-0.886
-1.085			14.446	1.577	-17.555	2.454		-1.021
-0.872					-2.384	1.653		0.431
-1.057	11.886		15.561				-8.56	2.823
-0.94	9.487	0.083	12.929	1.58			-5.808	
-0.808		0.595	20.19	1.603	-15.739		-10.207	3.514
-0.89			18.747	1.606	-13.59		-9.457	2.461
-0.88			4.236		-4.906	1.492		-1.016
-0.816	-15.493		13.152	-3.75	-30.201	2.664		-1.723
-0.792			3.185				-6.076	2.435
-1.142			10.691	1.417	-21.074	4.674	9.317	-4.711
-0.916	12.889	0.59	15.318	1.603			-7.448	2.819
-0.817						0.917	-2.688	1.526
-0.986	15.073	0.535	7.773	1.578	5.042	1.193	-0.435	
-1.024			19.53	1.586	-17.888	1.363	-5.674	
-0.993	13.237		17.218	1.604			-7.114	
-1.223	14.555		18.519	6.874			-9.035	2.739
-0.87	-151.516	-0.599	12.878	25.482	-156.879		-38.79	65.773
-0.872			18.987		-13.82		-9.52	2.478
-0.869	10.831	1.078				3.481	9.198	-2.634
-0.897	-10.888		10.816		-22.916	2.36		-1.611
-0.977	15.468	0.585	6.906	1.58	5.861	1.258		
-0.923	14.217	0.119	16.146	1.59			-4.112	
-1.063			19.503	1.584	-17.563	1.194	-6.823	1.615
-1.49	48.19		19.328		21.727	3.441	10.434	-16.371
-0.935			-1.219	1.588		1.26		
-0.828						1.057	-1.048	0.132
-0.97	10.894		14.203	1.607			-7.034	1.932
-0.723			3.074	1.626			-5.893	2.439
-0.75						0.948	-2.756	1.656
-1.259		-0.216	14.49	0.827	-21.696	4.13	7.272	-5.295
-0.795		0.597	20.457		-15.983		-10.33	3.571
-0.884					-3.629	1.824		3.392
-0.977	13.021		15.132	1.566			-4.237	
-1.19	18.285	0.281	11.888			2.758	4.477	-2.674
-1.315	14.978		15.753	1.574	-4.427	2.259		-0.866

-1.24	-46.116	-0.871	18.577		-66.354	3.238	-6.499	13.399
-0.736	-129.591		13.077	23.436	-136.691		-34.202	57.519
-0.946	12.868		14.465	1.568	0.306		-3.998	
-1.141		-1.048	7.887		-7.463	1.829		-2.447
-1.135		-0.971	7.478	1.615	-7.12	1.796		-2.328
-0.861					-3.559	2.149	1.983	-0.647
-0.764	-6.138				-8.409	1.92		0.425
-0.954	11.15	-0.079	14.902	1.604			-6.249	
-1.004	-9.653		14.634	-2.14	-30.452	3.951	4.983	-3.779
-0.961	12.361		14.801	1.601	1.07		-6.042	
-0.928	10.757		14.184	1.605			-5.93	0.208
-0.874		-0.301	19.25	1.591	-14.683		-6.376	
-1.511	21.951	-0.335	10.965	1.604		4.7	13.608	-10.206
-0.831			11.125	1.586	-6.899		-6.159	
-1.019	10.822	0.431	9.5	1.571		1.217	-1.336	
-0.921	-9.506		9.922	1.618	-20.556	2.258		-1.534
-0.936	8.568		13.908	1.6	-1.911		-6.268	1.239
-0.906	2.257		1.299	1.618		1.317		
-0.948	9.787	-0.078	13.089	1.604			-6.244	1.364
-1.073			14.613		-17.778	2.47		-1.014
-0.883					-2.022	1.497		1.883
-0.858			9.266	1.579	-5.602		-6.177	1.52
-1.047	15.194	0.762	9.545			2.22	3.571	-1.89
-0.894			15.667	1.563	-12.102		-5.252	
-0.859			-4.499	1.613		2.065	2.47	
-0.852			19.686	1.592	-14.087		-8.867	
-1.048	14.587		19.03	1.599			-8.037	-0.208
-1.057	14.918		18.695	1.599	0.587		-8.067	
-1.051			19.856		-17.785	1.165	-7.08	1.723
-0.728			3.211				-6.147	2.555
-1.084			12.186	1.581	-15.715	2.421		
-1.326	-35.535	0.184	16.524	13.392	-56.599	2.883	-6.792	18.068
-0.802		0.476			-5.658	2.567	3.587	-0.752
-0.848	-4.739		1.97	1.632	-8.495	1.85		
-2.078	40.384		20.647	14.527	14.403	2.587	0.221	-0.757
-0.854	-14.448	-0.029	11.659		-27.696	2.586		-1.501
-0.806	-8.214	0.231	3.766	1.633	-14.105	2.062		
-1.284	23.358		12.717	9.862	12.709		-5.672	1.578
-0.997			12.271	1.578	-13.396	2.024		-3.479
-0.829	1.884					1.547		0.2
-1.011	13.081		10.966	1.579	4.698		-5.646	1.441
-0.966		0.386	8.994	1.569	-10.985	1.804		-0.854
-1.094	16.444	1.707	1.864	10.792		4.295	13.571	-4.525
-1.027	21.575		16.048	1.601	9.054		-5.409	-2.725
-1					-8.126	3.203	4.97	1.638
-0.877	3.366					1.69		2.537
-0.895	2.181		1.417	1.62		1.327		-0.593
-1.148	16.425		11.245	1.584	5.782	0.82	-3.638	

-0.968			12.944		-13.857	2.035		-4.106
-1.301	14.765		20.791	1.593	-5.182	1.347	-5.569	
-0.921	11.379	1.334				3.496	9.937	-2.971
-0.847			-2.359	1.61		1.515		0.773
-0.821	-10.825		4.963	1.634	-17.121	2.056	-0.756	
-0.826			-2.067	1.615		1.521		
-0.907	0.965	-0.417				1.52		-0.447
-0.9		-0.336	14.965	1.607	-9.962		-7.657	1.346
-0.73			3.645	1.614			-5.47	
-0.821	2.504	0.425				1.473		0.628
-0.946		0.262	8.542	1.574	-8.891	1.329	-1.936	
-0.908	11.272		14.966				-5.955	-0.557
-1.017	-6.527	0.635	18.91	1.599	-30.048	2.858	-0.447	2.545
-1.007	14.715		19.313				-7.845	-0.968
-1.552	25.675		22.753	5.882		2.463	0.139	-4.656
-0.888		-0.353			-1.129	1.571		-0.337
-0.93	8.673	0.142	11.355	1.574			-5.354	1.151
-0.893		-0.379	15.295		-10.181		-7.81	1.361
-0.82					-1.825	1.603		0.165
-1.068	13.091				5.679	2.901	6.999	-2.95
-0.862			12.149	1.602	-8.587		-6.711	3.024
-0.772	2.585	0.291				1.57		0.695
-1.043			9.037	5.261	-10.962	1.898		-0.984
-1.014	14.637	0.637	17.148	6.911			-7.571	2.695
-0.959	10.728		14.098				-7.091	1.953
-0.829			17.46	1.592	-13.54		-5.595	
-0.878	1.536					1.363		1.069
-1.488	22.192	-0.376	11.614			4.69	13.603	-11.154
-1.273	16.355		15.966			1.285	-4.275	1.111
-0.871			9.918		-6.044		-6.49	1.575
-1	13.193	0.5	9.593		1.141	1.408		-0.558
-0.86			-0.081	1.63	-1.656	1.58	0.272	
-0.878	6.164		13.521		-3.831		-6.225	1.208
-0.866		-0.05	0.062	1.629	-1.437	1.502		
-0.871			-2.302	1.624		1.417		2.514
-0.965			9.664	1.577	-8.607	1.076	-3.372	
-0.988	21.047		16.559		8.234		-5.384	-3.318
-1.053	7.271		18.895	1.592	-6.985		-9.902	3.052
-0.939	9.421	-0.127	12.843				-6.431	1.472
-0.874	2.153		1.349			1.329		-0.562
-0.87	12.077	0.581	14.391				-7.236	2.814
-1.294	15.04		12.754	1.584	-1.718	2.203		
-1.016	6.447					2.696	4.907	-0.562
-1.154	14.758		11.195	1.573	1.676	1.465	-0.835	-0.509
-0.945		0.431	6.621	1.574	-8.897	1.723		
-0.995			10.016	1.572	-9.98	1.356	-2.301	-0.177
-0.885			-1.415	1.595		1.337		
-1.04	16.324	1.526	2.028	9.226		4.293	13.163	-4.344

-0.857	-13.644	0.025	10.772	1.628	-26.044	2.517		-1.343
-0.785			-2.425	1.637		1.567		0.885
-0.872	0.782	-0.107	-0.506	1.629		1.443		
-0.859	4.269					2.118	1.814	-0.057
-0.86	1.042		-0.708	1.629		1.518	0.359	
-1.14	3.208	-0.961	2.766	1.616		1.53		
-1.039	7.51					3.162	7.179	-3.082
-0.766		0.245			-2.494	1.662		0.625
-0.828	-0.521				-1.925	1.526		-0.072
-0.79			-4.116	1.636		2.016	2.124	
-2.018	58.468		19.977	9.809	29.239	3.746	10.146	-12.712
-0.914	9.17				6.431	1.405		0.677
-1.019	17.309	0.836	8.691	1.565	2.411	2.213	4.175	-1.96
-0.905	12.773	1.223	0.79	1.627		3.735	10.526	-3.224
-1.049			-3.533	10.803		1.424		6.113
-0.924	7.202	0.362				2.863	5.909	-1.998
-0.896		-0.351	-0.24	1.627		1.272	-0.81	
-0.955		0.374	9.02		-11.027	1.808		-0.856
-0.832			-2.377			1.514		0.781
-0.915		-0.584				1.313	-0.829	-0.28
-0.832			-2.004	1.643	-2.612	2.251	2.413	
-0.85			3.284	4.909			-6.135	2.442
-1.605	17.747	-0.176	11.644	6.628	-6.064	4.984	13.509	-7.68
-0.82	3.843				1.201	1.63		0.654
-1.705	21.594	-0.2	8.326	10.168		4.907	14.069	-5.85
-1.255	12.438		15.543		-6.67	2.278		-0.889
-0.993		-0.866				1.467		-1.105
-0.917		-0.439	-1.135	1.626		1.503		
-0.833			12.72		-8.949		-6.668	2.347
-0.736					2.407		-5.23	2.586
-0.962					-5.282	2.412	2.653	1.919
-0.824					-3.735	2.126	1.385	0.013
-0.934			3.079	1.615	-4.522	1.499		1.003
-0.843			13.255	2.197	-9.051		-6.678	1.267
-1.039		-1.092				1.366		-1.01
-0.781			3.269	1.609			-6.805	3.031
-0.974	16.876	0.183	11.199	1.593	8.225		-5.217	
-1.087	3.538	-0.908	3.848	1.618		1.453		-1.785
-0.963			19.19	2.798	-13.79		-10.608	3.216
-0.821		0.386			-2.392	1.543		0.551
-0.764			-2.443			1.565		0.897
-0.894		-0.344	-1.149	1.627		1.489		-0.139
-0.826			1.728	1.602		0.469	-4.546	2.017
-1.042	-8.69	-0.669	11.733		-20.816	2.371		-2.393
-0.957			19.364	1.592	-13.982		-10.768	3.442
-0.875		-0.23	-1.258	1.628		1.47		
-1.06	2.33	0.825	10.534	3.373	-18.723	4.353	9.496	-4.559
-1.004	12.124		16.018	3.999			-5.858	-1.314

-0.779		0.606	-0.735	1.636	-3.852	2.129	2.372	
-0.996	-4.973	0.599	19.393		-28.761	2.871	-0.086	1.22
-0.876		-0.34	16.702	1.604	-11.439		-7.32	
-1.282	11.006		19.873	1.582	-8.622	1.451	-5.295	1.149
-0.91			-2.919	1.598		1.691	1.316	
-0.783			2.389	1.619			-6.187	4.89
-0.966	10.303	-0.337	13.446	1.596			-4.688	
-1.007	4.708		19.404		-9.74		-10.338	3.19
-0.945	10.849		10.251		3.181		-5.491	1.402
-0.829			19.034	1.6	-13.872		-7.841	
-1.201	8.202	-0.384	2.17	1.614		2.659	4.836	
-0.866			-1.368	3.623		1.423		0.12
-0.88		0.488			-7.077	2.741	4.063	1.651
-1.09	3.623	-0.993	3.966			1.488		-1.853
-0.98			10.034		-9.967	1.341	-2.352	-0.154
-0.814		0.783	19.386	1.599	-15.801		-10.472	5.637
-0.937	12.526	0.058	16.466	1.581			-5.538	-2.234
-0.86	2.281					1.604		-0.073
-1.033			15.997	1.582	-18.236	2.431		-3.025
-0.941			17.782	1.603	-13.261		-9.696	4.539
-0.874	6.667	0.629	19.125	1.602	-8.902		-9.128	3.21
-0.903	8.265	0.135	10.921				-5.331	1.193
-0.865		0.714			-5.967	2.531	4.096	-1.026
-1.106	12.943		16.573	5.819			-7.7	2.039
-0.843			-2.089			1.419		1.89
-0.816	7.616	0.74				2.723	5.634	-1.374
-0.998			16.659		-18.666	2.435		-3.684
-0.816		-0.056	3.313	1.599			-6.21	2.448
-0.769			-2.067	1.637		1.553		
-0.89	2.795					1.675	0.326	0.374
-0.837			-1.099	1.626		1.345	-0.243	0.148
-0.881	2.542					1.605		0.526
-0.809			3.174	1.599			-6.076	2.508
-0.922			19.876		-14.301		-10.696	2.778
-1.016	10.286	0.217	12.938	7.041			-5.252	0.933
-0.879		-0.381	-1.155			1.497		-0.148
-0.837			-1.368	1.627		1.41		0.116
-0.878						1.035		-0.718
-1.287		-1.244	6.892	1.612	-7.405	1.942		0.165
-0.93	11.519	1.348	0.05	1.593		3.519	10.052	-3.027
-0.843			-1.192	1.625		1.378		
-0.841			-1.231	1.625		1.388	0.004	
-0.8			2.164	1.608			-2.235	
-0.925	10.349		15.51	1.591	-2.4		-4.608	
-0.854	-1.38				-6.771	2.692	3.326	-0.793
-0.836			-1.026	1.625		1.337	-0.229	
-0.796		0.34	-4.24	1.615		1.926	2.272	
-0.869	10.148	1.142				3.464	9.22	-4.519

-1.062	-7.291	-0.653	10.728	1.615	-18.353	2.263		-2.283
-0.895	-6.354				-9.971	1.983		4.387
-1.118			14.259	4.473	-17.277	2.443		-1.041
-0.782						0.763	-3.546	3.8
-0.763			3.253				-6.856	3.082
-0.921	12.863	0.014	17.066				-5.625	-2.827
-0.927		1.196	16.301	11.298	-14.846		-10.746	10.758
-0.899	-11.049				-15.304	2.233		5.671
-0.917	-7.07				-11.885	2.321	0.818	4.648
-0.79						1.014	-1.909	0.887
-0.877	-7.953	0.077			-11.987	2.081		4.973
-0.925			3.696		-4.936	1.53		0.43
-1.05	9.405		12.046	7.326			-6.199	3.197
-0.769			1.312	1.63		0.611	-4.163	2.02
-0.843	7.083	0.855				2.498	5.166	-1.271
-0.915			4.075	2.687	-4.719	1.489		-1.003
-0.954	5.213		18.059	1.604	-8.318		-8.75	2.274
-0.934	14.336	0.481	17.482	1.605			-7.382	0.985
-1.096	15.179		13.879	6.679	4.185		-6.024	1.333
-0.902	-0.678		-1.904	1.592		1.285		
-0.9	7.892	-0.069	17.631	1.589	-6.612		-5.149	
-0.831	11.12	0.533			8.341	1.168		0.873
-0.81			1.748			0.457	-4.586	2.035
-0.888	-8.672		1.227	1.596	-11.835	1.9		
-0.912	14.202	0.386	15.53	1.567			-3.609	
-0.849	6.74	0.844			-2.295	3.197	7.22	-1.975
-0.933	15.494	0.511	18.824	1.603			-7.247	
-0.888					-2.93	1.681		2.793
-0.718	-2.472						-5.137	2.5
-1.327	58.857				46.027	4.206	21.456	-22.758
-0.895		0.221	-1.233	1.589		1.22		
-0.935	14.77	0.423	18.491	1.603	-0.293		-7.157	
-0.839	-17.025	-0.184	14.374	-4.73	-32.929	2.85		-1.964
-0.882	14.949	0.362	13.003	1.571	2.917		-3.045	
-0.905			-2.079	1.591	0.906	1.235		
-0.786			1.056	1.615		0.804	-3.111	
-0.816			-1.098			1.337	-0.269	0.169
-0.836		0.346	19.494	1.606	-14.778		-9.751	2.984
-0.942			1.344	9.849			-6.19	7.896
-1.022	10.84	-0.037	14.19	5.369			-6.276	1.251
-0.804	21.905	0.77	7.553	1.588	12.41			
-0.954		-0.664	16.785	1.597	-11.462		-6.678	
-0.816			-1.387			1.408		0.128
-0.794		0.182				0.858	-2.672	1.576
-0.906			18.37		-13.603		-9.66	3.786
-0.849					-1.415	1.358	-1.105	0.882
-0.853					-2.188	1.653		-0.093
-1.245		-1.246	7.461		-7.631	1.932		-0.738

-0.844	-13.101		12.162	-2.77	-26.607	2.5		-1.716
-0.823	1.486		-3.458	1.642		2.22	2.776	
-0.813	2.121	0.806	-3.21	1.607		2.054	3.175	
-0.826		0.726	-2.15	1.604	-2.567	2.03	2.589	
-1.105	12.533		10.855		0.147	1.403	-1.117	-0.414
-0.996		-0.506			-1.914	1.647		2.021
-0.727	3.442	0.738				1.556		1.297
-0.885	2.611					1.552		2.075
-0.869					-2.466	1.673		0.481
-0.817		0.592	20.085	2.401	-15.634		-10.159	3.487
-0.984					-6.772	2.955	5.098	-1.668
-0.927			-1.029	1.587		1.238		-0.216
-1.012		0.411	9.129	5.493	-11.096	1.825		-0.867
-0.836	7.851	0.959	-1.396	1.627		2.88	6.868	
-0.834		0.243			-3.499	1.712		3.225
-0.797		0.382	-2.38	1.609		1.413		0.9
-0.782			3.321				-6.073	2.067
-0.803		-0.07	3.321				-6.243	2.46
-0.767	2.761	0.686	-2.592	1.636		2.129	3.137	
-0.829		0.279	19.573		-14.763		-9.749	2.896
-0.931	12.318	0.418	15.013	1.605			-7.265	2.5
-0.867			18.18	1.619	-13.182		-9.195	2.394
-0.804						0.907	-2.892	1.717
-0.75		-0.168	3.413	1.625			-6.31	2.514
-0.842	4.418	0.619	19.778		-11.469		-9.624	3.371
-0.983			10.137	7.614	-7.398		-6.865	5.694
-0.897			9.361	4.759	-5.634		-6.218	1.53
-0.808						0.955	-2.547	1.139
-0.937	17.077	1.572	3.39	1.61		4.413	13.868	-8.09
-0.992	15.475	0.479	8.08	1.582	5.848	1.047	-1.196	
-1.08			19.182	3.247	-17.383	1.232	-6.551	1.496
-1.132	23.35	0.42	10.829	10.101	13.437		-4.13	1.271
-0.748			1.309			0.604	-4.179	2.036
-0.906	2.669		18.631		-11.116		-9.15	2.376
-0.737			2.491				-5.935	4.041
-1.272	17.909		17.57	7.839	3.854		-8.463	2.609
-0.782			-1.775	1.614		1.39		
-0.92					-5.054	2.66	4.179	-1.784
-0.884	12.035	1.158	0.519			3.632	9.984	-2.984
-0.802		0.705	20.028		-16.039		-10.497	4.799
-0.86	10.575	1.056				3.467	9.07	-2.997
-0.999	12.654		16.511	1.605			-7.294	0.698
-1.035			19.581	1.586	-17.704	1.273	-6.233	0.595
-0.933			-1.142	1.587		1.241		
-0.776			3.277	3.345			-6.181	2.545
-1.201	7.655		20.035		-11.488	1.338	-5.991	1.386
-0.859						1.223		-2.822
-0.956		0.313	11.382	1.575	-12.685	1.905		-2.859

-0.981	12.079		17.737	1.603	-1.529		-7.256	
-0.841						0.987	-1.24	0.842
-0.931					-5.309	2.335	1.801	2.849
-1.173	14.293		18.253	6.22			-8.687	2.164
-0.933		-1.084	4.684	1.614			-4.753	
-0.926	-162.138	-0.877	12.646	26.419	-166.564		-40.929	69.71
-1.081			0.903	9.082	-3.565	1.519		4.283
-1.01	1.459	-0.605				1.552		1.327
-1.203	24.831		15.433	6.767	12.293		-5.596	-1.014
-0.745	-5.598	0.195			-7.885	1.842		0.49
-0.897			-2.331	5.512		1.539		0.768
-0.675					2.324		-5.137	2.628
-0.856	-7.756				-9.799	1.837		0.221
-0.752			3.229	1.622			-6.018	2.434
-0.996			20.022		-18.072	1.315	-5.959	-0.229
-0.783		0.321	-2.045	1.615		1.437		
-1	36.332		11.715	1.604	25.981			-7.744
-0.744		0.053				0.93	-2.749	1.667
-0.819	3.265	0.303				1.564		2.467
-0.809						1.159		-2.399
-0.983	14.238		14.291	1.567	1.843		-3.984	
-0.91	1.817		0.278	1.618		1.338		1.311
-0.802		0.236	20.153	1.593	-14.981		-8.532	
-0.888			-3.987	1.61	-0.73	2.135	2.626	
-0.63	-55.004		18.175	1.603	-66.471		-19.306	21.723
-0.887		-0.155	12.278	1.583	-7.454		-6.874	
-0.935		0.277	12.168		-13.246	1.934		-3.545
-0.841			-3.95	1.614		1.938	1.96	
-0.737		-0.192	3.431				-6.383	2.554
-0.92	14.613	0.404	18.139				-7.347	0.066
-0.891			18.093	1.563	-14.401		-5.657	
-0.944	28.605	0.914	6.935	11.519	19.315			0.358
-1.079			-5.143	12.276		1.675		8.1
-0.873			10.824	1.581	-6.586		-6.527	0.733
-0.878		-0.56	3.198	1.614			-3.088	
-0.79			-3.929	1.641		1.949	1.703	0.418
-0.844		0.126			-3.988	2.225	2.301	-0.653
-0.95		-0.359	14.083	1.604	-9.602		-7.873	3.196
-1.124		-0.982	7.626	0.918	-7.257	1.798		-2.36
-0.953	6.752	-0.194	14.422	1.604	-3.632		-6.93	1.349
-0.784	8.919				10.243		-4.389	2.464
-0.828			-3.372	1.634		1.577		3.378
-0.956	10.721	-0.088	14.399	1.604			-6.316	0.395
-0.954	11.2	-0.083	14.925	1.604	0.022		-6.246	
-0.878	0.373		-4.381	1.612		2.119	2.679	
-0.941	11.745		14.291	1.603	0.93		-5.989	0.06
-0.865			-4.433	1.613		2.048	2.38	
-0.858	6.345				4.485	1.365		0.205

-0.867			-4.488	1.612		2.052	2.403	0.098
-0.871						0.76		-0.489
-0.862		-0.032	9.35	1.581	-5.628		-6.253	1.529
-0.976			12.351	1.578	-12.13	1.601	-1.635	-2.611
-1.11	13.84	1.372	-0.191	12.615		3.955	11.507	-0.287
-0.921	13.56	0.26	9.578	1.58	5.727		-4.582	1.267
-0.842	-6.872		3.383	1.631	-11.355	1.797	-0.665	
-0.94		0.859	3.447	1.583	-10.538	2.973	5.585	-2.138
-0.722							-3.937	6.147
-1	15.472	0.769	8.746		1.161	2.11	3.504	-1.755
-1.054	16.91		18.478	1.6	2.65		-7.451	-0.824
-0.698			3.559	1.624			-5.348	
-0.967	13.055		17.148				-7.213	-0.165
-0.828	-5.776	0.137	2.647	1.632	-10.319	1.901		
-0.731			3.204				-6.015	2.446
-0.863		-0.01	14.672	1.565	-11.337		-4.959	
-1.045	13.297	0.847	14.624	10.289			-7.834	5.858
-0.859			-1.811	1.606		1.456		
-0.894	2.107		1.413	3.71		1.277		-0.611
-0.802		0.474			-5.633	2.56	3.558	-0.741
-0.785			-3.829	1.64		1.96	1.773	
-0.973	21.883	0.188	15.13	1.601	9.655		-4.676	-2.724
-1.043			10.131	5.153	-10.187	1.417	-2.169	-0.248
-0.868			-2.034	1.604		1.456		0.528
-0.923			12.429		-12.03	1.558	-1.546	-3.204
-0.913			-1.053			1.238		-0.204
-0.785		0.37	-2.398			1.415		0.904
-1.058	16.833	1.704	2.426	9.626		4.322	13.752	-5.494
-0.807	-8.324	0.226	3.829	1.633	-14.241	2.06	-0.035	
-0.757		-0.193	4.08	1.614			-5.971	
-0.998	16.763	1.13	18.562	8.358			-8.168	3.582
-0.969	36.145		12.294		25.426			-8.318
-0.911	8.738	1.187			-1.495	3.315	8.68	-2.556
-1.065	17.73	1.743	0.793	11.042	2.288	4.179	13.613	-4.345
-0.721		0.704			-3.365	1.674		1.235
-0.848			11.413		-6.974		-6.539	0.186
-0.848	1.709	-0.104				1.551		0.068
-0.982			11.282	2.429	-12.487	1.953		-3.062
-0.901	4.258					1.945	1.02	2.028
-0.965		0.37	9.066	1.569	-10.853	1.75	-0.232	-0.775
-0.923						0.748		-0.638
-0.768			-3.917			1.939	1.669	0.439
-1.099	16.455	1.69	1.941	10.808		4.286	13.541	-4.552
-1.065		-0.958	-0.315	1.62		1.496		
-0.919		-0.385	14.829		-10.074		-7.905	2.508
-0.914	3.977	-0.272	14.908		-6.487		-7.218	1.299
-0.684							-1.869	1.333
-0.654	-2.445						-5.126	2.579

-0.84			-2.253	1.612		1.518		0.488
-0.914	10.789	1.291	-0.255			3.425	9.55	-2.798
-0.924	11.123	1.291				3.447	9.71	-2.929
-0.748			3.622	1.609			-5.321	
-0.784	6.168	0.352			3.477	1.431		0.788
-0.891	16.581	1.514	3.496			4.298	13.428	-8.435
-0.753		0.272	-2.43	1.635		1.486		0.96
-1.008		-0.885	0.949	1.621		1.16	-1.495	
-0.948		-0.363	-2.092	1.624		1.512		2.333
-1.133	24.438				15.621	3.245	10.571	-7.728
-0.865	11.391				9.111	1.339		-0.711
-0.928	1.96	-0.494			1.18	1.464		-0.571
-0.922	11.229	-0.097	15.111				-6.192	-0.507
-0.903		-0.355	15.092	1.514	-10.002		-7.782	1.381
-0.816	2.433	0.416				1.48		0.43
-0.878	20.825		6.182	1.596	12.84			
-0.944		0.245	8.588	1.575	-8.73	1.283	-2.144	
-0.912	12.414		15.023		1.035		-5.834	-0.84
-0.86		-0.215			-1.461	1.598		-0.108
-1.011	16.127		18.98		1.609		-7.489	-1.342
-1		-0.792				1.242	-1.25	1.401
-0.926	11.304	0.228	14.279				-7.109	2.24
-1.079	12.688				4.945	3.03	7.497	-3.214
-1.123			16.16	8.204	-12.504		-10.307	8.007
-0.929		-0.743				1.394		-1.963
-0.933					-0.816	1.198		-0.462
-0.885	1.931		0.639			1.337		0.644
-0.827			-0.216	1.591				
-0.995	11.791	0.18			4.356	2.826	6.808	-2.697
-1.008	14.112	0.639	17.365	6.746	-0.662		-7.688	2.726
-0.79		0.567	-4.044	1.611		1.788	1.843	0.455
-1.6	69.728		5.288	1.594	48.296	5.438	27.332	-28.979
-0.881	15.294	0.948			7.801	2.289	5.266	-1.065
-0.849		-0.052	9.392		-5.66		-6.286	1.541
-0.943		-0.686	1.354	1.623		0.995	-2.205	
-0.931	22.202		1.877	1.588	19.097			
-1.051	1.121		-1.774	9.908		1.361		4.915
-0.98	22.168	0.123	16.579		9.032		-5.074	-3.365
-0.818			-2.405	3.764		1.577		0.875
-0.755			-2.226	1.643		1.463		0.835
-0.89			2.549	7.072			-5.852	3.85
-0.851		0.073	-0.107	1.63	-1.896	1.628	0.467	
-0.852			-4.509			2.051	2.404	0.106
-0.871			-2	1.623		1.347	-0.232	2.498
-1.021	7.043					2.904	6.11	-1.608
-0.619	-49.75		18.52		-61.549		-18.212	19.186
-0.77		0.175	-4.049	1.633		1.949	2.083	
-0.967		-0.742	0.844	1.623		1.174	-1.343	-0.442

-0.784		0.53	-3.892	1.614		1.807	1.859	
-0.852		0.275	-3.017	1.601		1.654	1.38	
-0.871			-2.277	1.624		1.412		2.493
-0.871			1.685	5.071		0.508	-4.476	1.995
-0.886			-1.843	1.597		1.442	0.354	
-0.987	6.913	0.165				2.765	5.371	-0.835
-0.783	8.105	1.163				2.65	5.204	-0.612
-0.798			-3.129			1.574		2.704
-1.435		-1.189	4.527	8.079	-6.342	1.974		3.511
-0.908	14.577	1.33	1.906	1.628		4.018	11.824	-5.086
-0.822			3.329	4.507			-6.746	2.952
-0.882		0.023	-1.411	1.595		1.33		
-0.932	10.592				8.138	1.28		0.511
-0.806			0.478	1.626		0.598	-4.23	4.421
-0.938	0.664					1.114		-0.528
-0.971		-1.162	4.1	1.611			-3.495	
-1.042		-1.043				1.416		-0.336
-0.868	0.885	-0.068	-0.604	1.629		1.478	0.156	
-0.735		0.252	-2.448			1.49		0.967
-0.86	4.545				0.294	2.101	1.784	-0.039
-1.009	7.658	0.132				3.132	7.119	-2.902
-0.852			-2.077			1.46		0.555
-0.981		-0.715	-0.242	1.623		1.465		-0.89
-1.139	3.267	-0.98	2.893	1.617		1.527		-0.115
-0.792			-4.342	1.637		2.072	2.334	
-1.101		-0.232	-3.473	10.801		1.489		6.193
-1.543	67.692		5.912		46.36	5.321	26.579	-28.993
-1.008	-11.633	-0.701	13.89	-3.507	-26.049	2.608		-2.621
-0.811			-2.092			1.52		0.012
-0.961		-0.823	1.039			1.151	-1.476	-0.484
-0.803	-2.793		-5.081	1.614		1.462		1.097
-0.732			-2.249			1.462		0.847
-0.744	-1.831		-4.182	1.641		1.521		1.097
-1.009					-6.5	2.833	4.453	0.926
-0.909	9.06				6.482	1.36	-0.178	0.746
-0.812		1.077			-8.036	3.003	5.628	-1.1
-1.082			-3.9	11.38		1.495		6.691
-0.887		0.825	3.049		-9.793	2.805	5.245	-1.964
-0.749			-0.172	1.609				
-1.081			-3.87	11.232		1.504	0.142	6.466
-1.188	50.621				41.082	3.141	15.133	-16.739
-0.749			0.166	1.634		1.033	-2.223	
-0.953		0.343	9.154		-10.782	1.709	-0.43	-0.709
-0.936		-0.659				1.357	-0.594	-0.514
-0.718					2.377		-5.493	2.845
-0.855		-0.036	3.354	4.89			-6.221	2.455
-1.039			18.524	4.816	-13.493		-11.021	4.856
-0.868	5.338	1.031	-2.518	1.595		2.537	5.585	

-0.816								-0.238
-0.798			2.315	1.609		0.295	-5.657	2.627
-0.748					2.307		-5.268	2.942
-0.72	-1.664						-5.542	5.539
-0.979		-0.81	-0.121			1.472		-1.006
-0.836		0.49			-3.652	1.897	1.437	-0.004
-0.993			-0.966	6.606		1.263		-0.244
-0.733		0.028			2.363		-5.174	2.573
-0.791			3.09	1.607			-6.911	3.627
-0.724					1.568		-5.342	5.132
-0.758		0.104	3.072	1.611			-6.683	3.103
-0.859	-8.106	0.37	1.948	1.593	-11.994	1.814		
-0.783	-2.573		-4.453	1.619		1.469		
-0.922		-0.396	-1.831			1.517		1.629
-0.913		-0.313	-1.141	3.25		1.486		-0.134
-0.767	8.336	0.732	7.001	1.586				
-0.956		-1.112	4.321	1.61			-3.457	-0.781
-1.025			-1.361	11.13		0.776	-3.833	8.28
-0.911		0.139			-5.462	2.392	2.841	1.725
-0.894		0.826	0.016	1.588	-6.227	2.448	4.019	
-1.1	3.501	-0.884	3.792	2.721		1.461		-1.764
-0.967					-4.513	2.319	3.239	-1.302
-0.858		0.473	18.479	1.603	-14.626		-9.971	5.246
-0.851	27.571				28.012			-4.204
-1.198	31.596		4.213	12.524	26.105			-0.317
-0.906			-2.679	1.597		1.65	1.242	-0.165
-1.179	49.589	0.658			35.888	4.27	19.946	-18.75
-0.816		0.377			-2.329	1.547		0.377
-0.815		0.092	1.268	1.603		0.559	-4.038	1.908
-0.723	-1.807		-4.179			1.519		1.106
-0.904	11.921	0.21	9.629		4.289		-4.813	1.297
-0.991	11.978	0.119	15.486	4.536			-5.533	-0.992
-0.746			-1.897	1.643		1.458		
-0.745		0.217	-2.052	1.635		1.492		
-0.824			1.742	1.603		0.472	-4.536	1.951
-1.051	19.792	1.303	6.753	1.594		4.584	14.815	-11.107
-0.784		-0.127	2.562	1.62			-6.273	4.666
-0.876		-0.268	18.301	1.601	-12.831		-7.819	
-0.909			-2.814	1.597		1.665	1.282	
-0.938		-1.169	4.402				-3.516	-0.812
-1.04	5.698					2.463	5.052	-2.247
-0.808						0.84	-2.713	2.836
-0.849						1.136		-1.485
-0.924	4.62		-3.072	1.64		2.864	5.328	
-0.955	7.847	-0.363	14.924	1.595	-3.463		-5.205	
-0.771	23.015	0.798	4.845	1.601	16.128			
-0.905	-0.162		-2.903	1.598		1.651	1.177	
-0.905			-2.973	1.598	0.201	1.651	1.21	

-1.168	11.729		14.754	8.099			-7.965	4.318
-0.894	-1.827	-0.984	2.467	1.616			-4.045	
-0.778		0.557	-4.075			1.794	1.856	0.457
-0.933		-1.041	1.648	1.615	2.614		-3.942	
-0.743		0.423	-3.69	1.637		1.766	1.406	0.623
-1.021	10.876					3.753	9.492	-3.033
-0.867	14.945	1.355			3.023	3.815	11.446	-6.039
-1.113	3.492	-1.022	3.507			1.507		-1.023
-0.712		0.541	-2.343	1.639		1.362		1.029
-0.784			2.384	1.618			-6.085	4.8
-0.795			2.337	1.605			-2.486	
-0.879	20.239		1.329	1.607	17.977			
-0.856	7.514	0.687				2.664	5.09	-0.322
-0.861	8.185	0.931				2.954	6.767	-3.038
-0.809			0.135	1.626		0.983	-2.054	0.926
-0.846		0.406	-2.356	5.654		1.432		0.904
-0.847	10.643	0.788			2.746	2.697	5.782	-1.33
-0.867			-1.097	3.578		1.359	-0.215	0.124
-0.847		0.671			-5.647	2.52	3.985	-1.612
-0.927						0.907	-0.559	-0.354
-0.876	3.062					1.831	0.936	-0.617
-0.867			-1.344	3.614		1.419		0.103
-0.876		0.446			-6.599	2.604	3.5	1.902
-0.881	-0.599	0.456			-7.462	2.696	3.77	1.904
-0.787	-2.812		-5.121			1.461		1.108
-0.917	8.807	1.252	1.52	1.584	-3.216	3.394	9.184	-3.012
-1.003			0.175	1.598	-6.989	2.981	5.178	-1.733
-0.789	5.983		4.87	1.597				
-0.86	2.268					1.601		-0.086
-0.815	1.61	0.751	18.929	1.6	-13.865		-9.944	5.009
-0.787	-12.401	1.538	15.986	13.021	-27.296		-12.954	15.683
-0.799	13.06	0.506			10.637	1.13		-0.271
-0.843			-1.739			1.337	-0.273	1.884
-1.036			15.928	1.754	-18.192	2.431		-2.954
-0.883	6.264	0.512	18.877	1.604	-8.881		-8.986	2.985
-0.794		0.471	-4.765	1.615		2.018	2.773	
-0.87					-5.335	2.652	4.299	-3.061
-0.981		0.439	-4.886	12.422		1.472		7.75
-0.879		-0.683	4.484	1.618			-6.148	1.462
-0.844			-2.04			1.411		1.854
-1.082	11.384		17.031	5.311	-1.807		-7.951	2.087
-0.798			2.116	1.61			-2.28	0.122
-0.816		-0.055	3.311	1.599			-6.21	2.454
-0.429	-90.574		12.73	1.612	-95.986		-23.864	32.776
-0.889	2.777					1.669	0.286	0.401
-0.767	9.309	0.705			6.004	1.308		1.235
-0.907	4.898		-2.537	1.642		2.9	5.513	-1.189
-0.803	0.25		2.345	1.608			-2.169	

-0.818	-6.576	0.386			-8.685	1.705		0.381
-0.9	-4.637		-0.315	1.593	-5.89	1.592		
-0.801			2.37	1.608	-0.223		-2.222	
-0.749			-1.758	1.627		1.408		
-0.853			-1.631	1.625		1.483	0.483	
-0.93	11.518	1.347	0.057	1.592		3.517	10.047	-3.028
-0.799			2.162	1.608			-2.25	
-0.755								-0.103
-0.686	-97.934	-1.096	16.391	1.608	-104.413		-26.772	34.746
-0.83	21.165	1.114			12.049	2.772	7.933	-4.438
-0.964		0.885	3.531	6.262	-10.387	2.905	5.415	-2.09
-0.892	-5.816		-0.579	1.601	-8.222	2.016	0.977	
-0.899			-0.523	1.595		1.278		-1.679
-1.033	52.888	0.954	16.465	1.604	36.706			-10.441
-0.778			2.415			0.259	-5.846	2.725
-0.777			0.719			0.59	-4.256	3.815
-0.832			-4.891	1.638		1.958	1.704	2.949
-0.796			1.317	3.408		0.622	-4.152	2.009
-0.866	10.331	1.173				3.499	9.384	-4.558
-0.929	-5.473	-0.15			-8.848	1.964		4.105
-1.126	37.694		10	7.126	28.339			-5.855
-0.741		0.099	3.066				-6.739	3.15
-0.89		1.367	4.34	1.593	-14.422	3.705	7.97	-2.525
-0.721	6.574				8.11		-4.524	2.523
-0.926	-10.163				-15.326	2.492	1.019	5.195
-0.689	-2.462						-5.594	2.918
-0.756							-2.88	3.646
-0.778		0.024				0.756	-3.533	3.78
-0.865	-8.663				-12.374	2.026		4.755
-0.739		0.305				0.785	-3.254	2.162
-0.746	-2.26						-5.257	3.316
-0.87		-0.75	4.579				-6.16	1.383
-0.764			3.243				-6.862	3.117
-0.885	-1.071		-2.424	1.597		1.329		
-0.836	22.163	0.635	5.793	1.586	14.655			
-0.623							-1.882	1.412
-0.927		1.197	16.302	11.298	-14.848		-10.747	10.759
-0.892	-10.525	0.026			-14.732	2.201		5.536
-0.924	-3.62				-8.32	2.481	2.858	-0.842
-0.889	-0.471	0.12	-1.702	1.591		1.254		
-0.693		0.521	-2.36			1.365		1.035
-0.788			0.145			0.973	-2.094	0.954
-1.041	20.186	1.234	7.436			4.615	14.931	-12.064
-0.861	14.307	1.296	2.168			3.929	11.562	-5.708
-0.775		-0.061	1.603	1.63		0.556	-4.489	2.093
-0.788	21.239	0.737	7.676	1.596	11.662			
-0.892	-0.99		-2.371	1.595		1.314		0.172
-1.081	11.213		12.666	7.457	1.238		-6.239	2.891

-1.058	9.37	-0.03	12.117	7.291			-6.352	3.247
-1.002	-45.317	-1.602	10.97	1.605	-48.501		-14.99	16.35
-0.797			1.857			0.484	-4.496	1.487
-0.789		0.964	-2.222	1.611	-3.776	2.31	3.51	
-0.81	9.81		-3.369	1.613	13.23			
-1.067	16.631	0.158	12.543	7.384	6.331		-5.324	1.297
-0.888			-2.793	1.596	1.526	1.248		
-0.725		0.403	-3.69			1.765	1.386	0.635
-0.892		0.138	-1.726	1.59	0.525	1.22		
-0.849		0.349	18.935		-14.655		-9.892	4.342
-0.93	14.79	0.553	17.886	1.604			-7.477	0.953
-0.742		0.373	-3.574	1.637		1.804	1.533	
-1.035			-6.719	11.796		2.056	1.991	7.229
-0.803		0.068	1.407			0.524	-4.209	1.954
-0.807			0.989	1.61		0.817	-2.904	
-1.046		-0.272	11.793	7.084	-8.327		-7.72	5.658
-0.753	20.766	0.768	5.481	1.592	13.274			0.298
-0.886	-8.542		1.086	1.597	-11.565	1.891		
-0.887	-8.575		1.106	1.597	-11.627	1.893		0.024
-0.752					1.994		-2.537	0.641
-0.888		0.269	-1.286	1.59		1.224		
-0.891			-2.732			1.657	1.265	-0.153
-1.113	24.863	0.342	13.299	7.864	13.293		-4.38	-0.576
-0.777			2.099				-2.295	0.144
-0.922			-4.463	5.899		2.078	2.413	0.088
-0.874	14.448	0.412	14.253	1.57	1.214		-3.213	
-0.898			-2.537	1.593	1.268	1.238		0.131
-0.717	-2.452	0.01					-5.112	2.494
-0.795	29.13	0.705	11.442	1.613	16.873			-3.955
-0.731	-1.685		-3.6	1.641		1.508		
-0.894		0.226	-1.242	1.589		1.22		0.009
-0.78		0.089	0.594	1.615		0.888	-2.644	
-0.873		-0.055			-2.751	1.633		2.58
-0.934	15.685	0.517	18.766	1.603	0.221		-7.228	
-0.729	3.879	0.833				1.546		2.149
-0.654		0.388					-1.96	1.478
-0.701	19.063	0.734			16.76			1.136
-0.781		0.316	-3.348	1.631		1.465		3.445
-0.839					-1.452	1.414	-0.895	0.398
-0.957			1.379	10.117			-6.367	8.164
-0.838		0.359	19.481	1.962	-14.781		-9.753	3.001
-0.837					-1.39	1.34	-1.32	1.068
-0.788		0.177				0.887	-2.571	1.29
-0.835						1.217		-3.019
-0.937		0.011	1.326	9.88			-6.153	7.867
-0.741			3.368	1.617			-4.573	
-0.796	2.478	0.906	-3.456	1.611		2.167	3.633	
-0.846		-0.923			3.629		-3.617	0.296

-0.76		-0.16	2.848				-6.37	4.085
-0.853					-2.205	1.656		-0.075
-0.859	3.493	0.363	19.229		-11.459		-9.314	2.88
-0.819	1.189	0.774	-2.725	1.605	-1.152	2.044	2.921	
-1.288	48.999	0.881	5.465	1.598	28.078	5.058	22.303	-20.922
-1.003	31.558	1.01	5.963	13.097	22.991			0.567
-0.872			-0.398			1.286		-2.092
-0.957	15.069	1.518	4.763	1.604	-2.944	4.442	13.485	-8.184
-0.962			-2.885	7.636		1.534		2.297
-0.889	18.097				17.091	0.904		-2.497
-0.927			-1.926	5.794		1.467		0.464
-0.923	2.369	-0.178				1.57		1.946
-0.877	4.523		-2.628			2.816	5.183	-1.045
-0.777		-0.154	3.409	3.123			-6.3	2.52
-0.794		-0.101	3.571				-6.315	1.962
-0.719	10.849	0.333			11.253		-3.248	2.119
-0.876					-0.271	1.28		-2.335
-0.997		0.377	10.001	4.474	-11.714	1.859		-1.623
-0.953	5.202					2.629	5.094	-4.467
-0.988			0.149		-6.983	2.98	5.176	-1.723
-0.78		0.43	-2.532	1.612		1.426		1.029
-0.883	-5.46				-7.109	1.653		-0.008
-0.875	0.197					1.259		-2.45
-0.801		0.392	-2.45	1.608		1.407		1.095
-1.013		0.429	9.056	5.521	-11.233	1.88	0.239	-0.948
-0.728	-2.197						-2.993	0.934
-1.019	29.645	0.715	5.838	12.014	21.831			0.146
-1.228	19.965		17.441	6.831	6.032		-7.605	1.032
-0.801						0.931	-2.768	1.449
-0.913			8.971	5.273	-5.381		-6.221	1.909
-0.758		-0.095	1.764			0.518	-4.689	2.15
-0.892		-0.916	4.701	1.617			-5.146	
-0.875		-0.105				1.262		-2.815
-0.789		-0.058	-1.785	1.614		1.407		
-0.758			2.582				-6.069	4.218
-0.897		-0.01	9.393	4.78	-5.633		-6.264	1.538
-0.944			-2.831	1.603	-2.912	2.441	3.586	
-0.892	20.333				19.219			0.12
-0.874			0.837	1.584			-1.022	
-0.814	3.173	0.649	19.449		-12.476		-9.636	3.663
-1.023	40.028		12.471	1.605	29.126			-8.997
-0.691					2.359		-4.754	2.273
-0.936		-0.082			-4.91	2.657	4.159	-1.874
-1.05			18.675	3.255	-16.823	1.168	-6.56	1.56
-0.973	-46.104	-1.648	11.781		-49.659		-15.206	15.731
-0.779			3.269	3.355			-6.035	2.425
-0.86						1.222	-0.01	-2.798
-0.961		0.609	-6.172	12.732		1.732	1.43	7.48

-0.957		0.324	11.349	1.575	-12.782	1.94	0.151	-2.921
-0.873	-8.864		1.36		-12.173	1.91		-0.016
-0.762	-2.063	0.474	-4.405	1.612		1.354		1.178
-0.937		0.836	5.143	1.588	-12.125	3.176	6.093	-3.943
-0.882		0.807	-4.628	11.931		1.271		7.522
-0.968		-0.335				0.919		-0.841
-0.78							-1.663	3.696
-0.785	-1.947		-5.423	1.638		1.524		4.089
-1.011	53.288	0.926	17.153		36.677			-11.21
-0.846	-7.544				-9.467	1.831		-0.111
-0.824			-3.952	3.81		1.971	1.753	0.394
-0.681		-0.065			2.425		-5.265	2.661
-0.801		0.285	-1.944	1.611		1.421		
-0.726		-0.257	4.114	1.627			-5.981	
-0.843		0.589	-4.008	5.982		1.808	1.833	0.461
-0.763	10.589				11.951		-4.146	1.605
-0.986	35.902	0.062	11.663	1.605	25.468			-7.5
-0.822	8.483				8.965			-0.658
-0.708		0.472	-1.933	1.64		1.369		
-1.277	2.36	-0.819	0.346	8.956		1.59		3.814
-0.891		-0.13	11.439	1.582	-6.837		-6.862	0.541
-0.699		0.198					-3.816	5.847
-0.81	10.42				11.585		-3.92	2.131
-0.801			-4.612			1.947	1.666	2.28
-0.876		0.097	18.402	1.562	-14.858		-5.557	
-0.748			-2.981	1.641		1.375		3.071
-0.915	28.486	0.877	7.727	10.262	18.708			-0.447
-0.782			-1.67	1.634		1.396		
-0.874	-1.07		-2.502			1.319		0.215
-0.912	1.874		-3.976	1.611		2.413	3.897	-0.543
-1.276	50.122	0.821	6.159		28.762	5.085	22.582	-22.125
-0.936		0.284	12.148		-13.306	1.956	0.092	-3.583
-0.836			1.87	1.583			-2.244	
-0.629	-54.862	0.01	18.178	1.603	-66.354		-19.28	21.688
-0.714		0.901			-4.228	1.701		2.802
-0.671	-92.856	-1.113	16.468		-99.385		-25.546	32.08
-0.691	-18.196				-15.813		-7.148	9.4
-0.919	14.774	0.429	18.283				-7.381	0.054
-1.031		-0.774	-0.229	1.62		1.242	-1.237	2.014
-1.015	15.241	1.259	16.061	11.12			-8.253	6.192
-0.688							-0.583	0.319
-0.8	18.27		6.044	1.609	10.571			
-0.735			-4.545	1.643	2.196	1.405		1.179
-0.939	3.843	-0.247	14.14	1.606	-6.172		-7.182	2.082
-0.821	-4.208	-0.914					-4.697	0.913
-0.879		1.355	4.253		-14.352	3.707	7.962	-2.504
-0.851			-4.202	1.616		2.045	2.344	-0.515
-0.777	17.627				15.599			0.88

-0.731		0.614	-3.404	1.634		1.322		3.931
-0.776			-7.036	1.619	4.667	1.254		1.436
-0.856	29.124		12.571	1.616	16.303			-5.156
-0.882	0.517		-4.367	1.611		2.148	2.801	
-0.962	-2.27		-7.159	11.41		1.521		8.144
-0.842	17.847				17.28			-0.134
-0.737		0.888			-5.339	2.214	2.162	0.456
-0.998	40.544		13.221		29.142			-9.81
-0.878	6.21	-0.107			4.527	1.369		0.071
-0.78	7.349		6.191	1.61				
-1.043	27.131		7.08	10.486	18.004			0.044
-0.882			-2.603		1.303	1.238		0.153
-0.783		0.807	-2.258	1.604		1.203		0.97
-1			11.788	2.971	-11.645	1.56	-1.763	-2.003
-0.76					-1.984	1.421		0.493
-0.915			2.541	7.838			-7.199	5.697
-0.768	1.156		0.984	1.612				
-0.882		0.215	-1.255			1.221		0.01
-0.729							-3.748	5.981
-1.055		-0.791	-1.207	1.621		1.516		1.644
-0.798		-0.259	4.181	1.607			-5.868	
-1.14	21.945	1.652	-0.15	12.309	7.014	4.187	14.475	-4.79
-0.942	7.576	1.199	1.928		-4.677	3.468	8.926	-2.982
-0.843	-6.882	-0.005	3.39	1.63	-11.352	1.793	-0.681	
-1.136	13.857		6.451	1.587		3.603	9.985	-10.743
-0.933						0.798		-0.705
-0.872		-0.179	12.251		-7.315		-6.994	-0.087
-0.752	27.924	0.656	11.609		15.753			-4.483
-1.167	52.944	1.096	13.638	9.357	38.425			-7.227
-0.715	-1.353	0.372	-3.739	1.638		1.428		1.155
-0.789		0.299	-2.409	4.117		1.491		0.957
-0.871			-1.664	1.608		1.317		
-0.919		0.814	5.728		-12.655	3.247	6.269	-4.653
-0.858			-1.766	1.606		1.454		-0.092
-1.089	17.707	1.589	3.587	8.826		4.389	14.061	-6.702
-0.879	7.49	1.288			-3.079	3.418	8.722	-2.368
-0.847		1.389	0.819	1.596	-10.45	3.237	6.634	
-0.853	21.482		4.018	1.605	15.602			
-0.916	14.119	1.451	5.212		-3.651	4.336	12.97	-8.558
-0.422	-87.757		12.901		-93.236		-23.213	31.124
-0.759			-5.918	1.624	4.077	1.286		
-0.766		0.424	-2.567			1.43		1.048
-0.656							-2.271	1.692
-1.112	14.4		7.063			3.654	10.246	-11.625
-0.779		0.354	-2.282			1.424		0.583
-0.772		0.733	-1.899	1.609		1.233		
-1.058	43.332	0.662			32.437	3.321	14.502	-13.544
-1.05	18.087	1.747	1.495	10.154	1.86	4.294	13.985	-5.257

-0.748	-1.922	0.405	-3.823	1.618		1.377		
-1.024	19.686	1.215	17.749	9.421	3.21		-7.706	3.597
-0.811	12.303	0.706	11.106	1.577				-0.711
-0.757		0.377	-4.927	1.636		2.113	2.922	
-0.699	8.182	0.645	6.897	1.604				
-0.972	36.243	-0.015	12.305		25.547			-8.378
-0.767		0.469	-4.543	1.633		1.717	1.312	3.2
-0.714			-4.443		2.077	1.407		1.173
-1.113	27.747		5.101	10.691	21.862			-0.657
-0.663	-2.665	-0.112					-5.393	2.648
-0.76		0.286	-3.134			1.478		2.82
-0.798		0.187	-0.254	1.591				
-0.816	13.33	1.112			5.458	2.395	5.121	-0.659
-1.032	4.914		-0.653	1.586		2.435	4.729	-1.948
-0.748	-2.106	0.459	-4.468			1.358		1.187
-0.664	-2.453						-4.888	2.368
-0.968			-2.529	6.269		1.652	1.174	-0.193
-1.053		-0.954	0.091	1.62		1.395	-0.444	
-0.874	11.504		10.489	1.585				-0.848
-0.936			1.28	7.365		0.458	-4.657	3.635
-0.917	1.77	-0.339	14.777		-8.41		-7.558	1.947
-0.807			-0.878	1.593	0.682			
-0.806			-0.267	1.593				
-1.101	25.162	0.192			15.789	3.329	11.162	-8.124
-1.697	71.906		3.747	5.299	51.031	5.51	28.01	-28.008
-0.916	10.781	1.282	-0.223			3.418	9.526	-2.806
-0.852	-2.76		-5.014	5.266		1.481		1.084
-0.826	29.057		13.185		15.84			-5.765
-0.845	11.506				8.716	1.467	0.752	-1.22
-0.823			-0.062	1.59				-0.194
-0.725						1.165		-4.068
-0.822			-4.003			2.037	2.301	-0.977
-0.756			-2.966			1.457		2.781
-0.731	11.778	0.95	9.915	1.589				
-0.857	8.202		-4.638	1.589	12.844			
-1.089	21.674				13.555	3.041	9.41	-6.662
-1.001			0.821	1.587	-5.51	2.412	3.544	-1.581
-0.827			-0.148	1.59				
-0.841			-0.636	1.623		0.949	-2.227	3.351
-0.876	20.814		5.937	1.597	13.055			0.043
-0.904					-3.54	2.218	2.781	-2.716
-0.914		0.15			-0.931	1.186		-0.345
-0.758	-1.895		-5.142			1.525		3.435
-0.822		0.418	-3.309	1.606		1.695	1.496	
-0.82		0.458	-3.523	1.606		1.706	1.561	0.299
-0.916	22.695		0.601	1.594	20.801			
-1.011		-0.855	0.303			1.201	-1.416	1.253
-0.991		-0.756				1.22	-1.361	1.525

-0.696	-1.357	0.351	-3.76			1.432		1.16
-0.76			-0.059	1.612				
-0.821	-0.119		-0.333	1.592				
-0.78			-2.206	3.239		1.468		0.825
-0.944	22.275		3.274	1.584	17.921			-0.283
-0.889	1.522		-4.092			2.345	3.617	-0.414
-0.892		0.556	-3.123	9.096		1.298		3.316
-0.761			-7.059		4.67	1.253		1.445
-0.846	3.475		3.761	1.601				
-1.002	11.7	0.152			4.198	2.876	6.962	-2.81
-0.794		0.579	-4.133	1.61		1.783	1.848	0.687
-0.888		0.13	2.199	7.614			-5.547	4.102
-0.98	12.398	-0.955			13.924			-1.585
-0.823			1.258	1.606			-2.338	2.553
-0.926	8.116					3.398	8.185	-6.617
-0.848			2.098	4.78		0.384	-5.259	2.425
-0.831			-1.587			1.454		-0.585
-0.719		0.589			-2.15	1.348		0.697
-0.857		0.136	1.004	5.189		0.643	-3.723	1.833
-0.946		1.397	4.709	6.144	-14.845	3.763	8.091	-2.63
-0.861		0.185	-2.529	1.6		1.56	0.952	
-0.798	10.56	0.728	9.155	1.579				
-1.064			0.367	6.075	-7.238	3.04	5.288	-1.809
-0.911	20.112		5.13	1.598	14.528			-0.79
-0.898		-0.569	1.204	1.625		0.941	-2.244	0.192
-1.041		-0.883	-0.794			1.515		0.808
-0.803							-0.271	-0.062
-0.624	-50.694	-0.051	18.491		-62.362		-18.348	19.414
-0.928		-0.581	0.446	2.674		1.171	-1.077	-0.338
-1.002	7.138	0.088				2.882	6.111	-1.583
-0.756			0.696	1.611	-0.882			
-0.771		0.798	-2.277			1.204		0.976
-0.779	21.15	0.771	5.91		13.195			0.287
-0.72		0.386					-2.891	3.619
-0.738		0.571	-5.596	1.615	3.18	1.193		1.428
-0.978		-1.106	3.671	1.609			-3.467	0.956
-0.786	8.279	1.154				2.747	5.632	-1.186
-0.73								-0.147
-0.799		0.1	3.139	4.467			-6.631	3.023
-0.95	11.222				8.272	1.41	0.606	0.246
-0.89	-1.396	0.592	-6.136	12.099		1.329		7.867
-0.929	0.714	0.08				1.102		-0.471
-0.91	8.914					3.373	8.116	-4.257
-1.051			-2.49	11.079		1.121	-1.801	7.176
-0.838	3.592		4.336	1.602				-1.18
-0.97	-0.468	-1.171	3.801	1.609			-3.7	
-1.179		-0.437	-2.974	10.659		1.486	-0.363	6.194
-0.727			-3.576	1.643	1.685	1.413		

-0.735	-22.007		3.984	1.606	-22.954		-7.766	9.657
-0.974		-1.179	3.711	1.611	0.468		-3.59	
-0.807		-0.006	0.508	1.626		0.593	-4.264	4.428
-0.898		-0.578	3.525	1.616			-6.235	3.808
-0.736	-1.78		-4.019	3.303		1.455		1.036
-0.551		0.582					-3.148	2.568
-1.173		-0.371	-3.428	10.91		1.562		6.287
-0.903	13.92	0.774	12.799	8.334				-0.921
-0.714		0.58	-3.217			1.339		3.37
-0.937		-0.526	-0.509	2.824		1.411		-0.628
-0.937		-0.768	1.49			0.99	-2.249	-0.082
-0.805	-2.806		-5.123	1.614		1.461		1.178
-0.981			2.349	1.604	-8.847	3.184	5.695	-4.098
-0.957		0.241	-1.194	6.588		1.245		-0.003
-0.857			-1.805	1.608		1.297		
-0.792								-0.572
-0.732					2.188		-5.674	3.588
-0.859	9.204		7.956	1.587				
-0.755		-0.062	-0.157	1.61				
-1.009		-0.101			-6.193	2.768	4.327	0.783
-0.763		0.199	1.484	1.613		0.438	-4.879	2.572
-0.686		0.153			2.111		-5.364	2.948
-0.747		0.241	2.442	1.61			-6.729	4.41
-0.811		1.064			-7.958	2.992	5.584	-1.165
-0.963	-0.731		-1.961	6.266		1.319		0.045
-0.748			-0.196	1.609				0.031
-0.75			-0.161	1.609				
-0.845	5.895	1.177	-2.845	1.6		2.703	6.266	
-0.884			-2.092	1.602		1.622	1.08	-1.237
-0.885	3.319	0.972	-1.315	1.591	-2.746	2.544	5.129	
-0.965			-2.273	6.463	1.097	1.264		0.058
-0.778	10.072				11.24		-3.167	1.537
-0.809	0.094							-0.196
-0.745		0.056	-0.106	1.634		1.081	-1.948	
-0.809			-0.087					-0.181
-0.989		0.211	-2.223	11.483		0.909	-2.823	8.052
-0.812					-0.058			-0.209
-0.605		0.322					-1.956	1.52
-0.838	20.757	0.363	3.71	1.602	15.753			
-0.814		0.037						-0.226
-0.782		0.453	-3.707	4.355		1.781	1.448	0.608
-0.816								-0.234
-0.734					1.608		-5.035	4.799
-0.717	0.294							0.05
-0.802			2.344	1.608		0.248	-5.909	3.096
-0.842	-7.046	0.4	0.731	1.596	-9.819	1.736		0.255
-0.727	-1.67						-5.337	5.348
-0.744		0.049			2.216		-5.175	2.966

-0.756	-24.617	-0.679			-20.738		-9.531	11.63
-0.778	-1.564						-3.006	2.963
-0.83		0.485			-3.672	1.94	1.589	-0.379
-0.846	-7.433	0.382	1.26	1.596	-10.64	1.77		
-0.718	-2.665				-0.955		-5.651	5.792
-0.885	10.764		10.971	1.593				-1.663
-0.961		-1.167	4.031				-3.53	0.218
-0.985			-0.893	6.298		1.269		-0.464
-0.884			-3.924	8.865		1.387		5.792
-0.702	-1.676	-0.046					-5.397	5.24
-1.145	-45.165	-1.587	9.121	7.585	-47.5		-15.034	19.198
-0.997	2.151				-2.957	2.42	4.047	-1.689
-0.97	-4.143		1.581	1.595	-10.732	2.666	3.33	-1.298
-0.863	-7.339	0.345	1.592	1.592	-10.798	1.759		
-0.704		0.484	-3.623	1.639	1.23	1.335		1.199
-0.939	-0.707	-1.11	3.721	1.611			-3.734	-0.541
-0.934		-1.101	3.423	1.613	0.843		-3.548	-0.577
-0.986			0.782		-5.534	2.423	3.577	-1.574
-0.865			-2.005	1.606		1.279		0.586
-0.955			2.963		-9.367	3.234	5.835	-4.799
-0.747		0.568	-2.323	3.963		1.366		1.027
-0.961		-1.115	4.344	2.056			-3.471	-0.785
-0.858	11.224		10.186					-0.799
-0.943			-2.112	1.593	-1.469	1.885	1.962	
-0.704		0.004			1.484		-5.093	4.824
-0.843	26.191				26.569			-3.779
-0.612		0.67					-4.953	5.928
-1.336	45.512	1.173	2.804	8.219	25.987	4.988	21.552	-16.394
-0.938	5.295		-2.336	4.84		2.938	5.833	-1.374
-0.721							-3.838	4.741
-1.005	4.436		-0.894			2.365	4.405	-1.762
-0.937	0.86		-2.646	1.594		1.815	1.943	
-0.848	26.637				27.157		-0.253	-3.888
-0.891	19.4		2.769	1.603	15.823			
-0.799	12.05	0.691	10.832					-0.668
-0.921	6.562	1.441	2.676	1.591	-7.599	3.788	9.765	-3.089
-0.921	-0.857	-1.168	3.674				-3.866	-0.509
-0.847	15.998		16.38	1.593				-5.06
-0.747		0.44	-4.339			1.732	1.315	2.591
-0.816		0.094	1.251	1.603		0.56	-4.032	1.938
-0.815	26.072	-0.004			26.5			-4.104
-0.839			0.114	3.503		1.004	-1.993	0.889
-0.807		0.449	-3.562			1.713	1.579	0.303
-0.936		-1.175	3.699		0.722		-3.64	-0.643
-0.785					1.386		-2.553	2.451
-0.793	23.1	0.716	4.015	1.599	17.185			
-0.912	3.631		-3.603	1.64		2.674	4.551	0.996
-0.824		0.778	0.111	11.555			-6.708	9.317

-0.741	-1.362	0.427	-4.843	1.633		1.397		4.127
-1.184	7.354		0.495	8.224		2.845	6.417	-2.869
-0.846			-0.334	1.585	1.626		-1.415	
-0.814			-0.404			0.946	-2.231	2.733
-0.817	3.578		4.287					-1.153
-0.665	21.22	0.677			19.383			-0.404
-0.934	-2.249	-1.105	2.844	1.615	-0.32		-4.463	
-0.724					-0.241			0.031
-0.811	4.57		-0.148	1.61	6.095		-1.383	
-0.904	-1.368		-2.327	1.598	-1.705	1.698	1.04	
-0.827	5.589		4.595	1.593				
-0.773		0.542	-3.966			1.8	1.849	0.176
-0.914	-3.63	-1.047					-4.833	3.323
-0.721	-2.16						-5.974	4.274
-0.8			1.439				-2.349	2.047
-0.708	-1.281	0.314	-3.209	1.639		1.431		
-0.741	21.703	0.774	4.61	1.602	15.125			
-0.813			0.507	1.637	-2.314	1.51		
-0.831			2.154	3.748			-2.272	0.096
-0.936		-0.077				0.935	-0.518	-0.422
-0.79	19.979	0.496			18.263			0.643
-0.923		0.755	-5.046	9.928		1.743	1.889	3.284
-0.756		-0.184						-0.147
-0.889	3.316					1.934	1.509	-1.165
-0.727		0.502	-4.571	1.621	2.688	1.234		
-0.836	12.45		11.437	1.601				-0.873
-0.838		0.429	-2.429	5.61		1.439		0.966
-0.848	11.268	-0.333	-4.628	1.615	16.081			
-0.858	6.752	0.664			-0.678	2.66	4.94	-0.102
-0.728			-0.228					0.052
-0.778	-2.747		-4.906			1.465		0.697
-0.857			-1.902			1.615	1.039	-1.681
-0.903	-1.199				-6.373	2.683	3.904	-2.605
-1.06	35.013	0.363	9.189	8.419	25.548			-4.007
-0.888		-0.691	3.954				-6.228	2.97
-0.724		0.56	-5.651		3.217	1.194		1.439
-0.764		-0.154	-1.783	1.629		1.457		
-0.872	-21.661		1.755	9.671	-21.431		-7.848	12.803
-0.785			0.894	1.612	1.202		-2.461	0.418
-0.93	-5.553		0.164	1.596	-9.534	2.243	1.763	
-0.714	20.421				19.053			-1.26
-0.788	12.151	0.56			9.507	1.177		0.064
-0.82	16.321		16.889					-5.638
-0.886		-0.652	4.449	2.459			-6.148	1.498
-1.165	3.356		-5.897	12.197		2.814	4.732	5.916
-0.848	-1.026		0.367	1.584			-1.541	
-0.851	-0.938	0.222	-2.382	1.599		1.301		
-0.931		-1.068			3.445		-3.922	1.935

-0.79	-0.472		1.71	1.611			-2.467	0.289
-0.806		-0.662			3.49		-4.719	1.378
-0.832	-7.415	0.38	1.009		-10.464	1.762		0.202
-0.814	0.752		2.717	1.607			-1.966	
-0.747		0.183	1.648			0.391	-5.125	2.673
-1.01	3.167		-3.607	6.684		2.697	4.951	-0.997
-0.937	12.066		11.14	7.495				-0.957
-0.686		0.468	-3.553		1.146	1.341		1.192
-0.849	-1.049	0.254	-2.689	1.598		1.295		0.449
-0.714	8.432	0.185			9.455		-3.973	2.39
-0.744								-0.248
-0.885	-0.541		-1.361	1.597		1.31		-1.162
-0.814	-6.753	0.397			-8.901	1.718		0.407
-0.818	-6.576	0.386			-8.686	1.705		0.382
-0.897	-4.402		-0.558	1.594	-5.412	1.576		
-0.903	-4.779		-0.088	1.593	-6.235	1.601		-0.049
-0.655	-2.094	0.183					-5.376	3.014
-0.925			0.354	9.11			-2.187	4.789
-1.01		0.912	3.221	7.141	-10.456	2.971	5.558	-1.552
-0.803			2.503	1.608	-0.366		-2.199	
-0.888			-1.29	1.597	0.594	1.273		-1.341
-0.894		1.299	5.105	1.595	-14.805	3.728	7.966	-3.397
-0.949	-10.611	-0.286			-14.179	2.162		5.067
-0.888		0.094	-0.671	1.595		1.267		-1.415
-0.832	9.149		-1.541	1.608	10.875			
-1.166	41.839		11.12	6.778	31.59			-7.126
-0.831	9.42		-1.417	1.608	11.204			-0.451
-1.031	51.338	0.83	15.931	1.605	35.904			-10.359
-0.782	-1.247		-2.852	1.613		1.316		
-0.949	-4.859		1.802		-11.381	2.611	3.015	-1.216
-0.858		0.213	-2.608	1.597	1.251	1.231		
-0.812	-1.979	0.506	-4.294	5.559		1.369		1.172
-0.811	18.489		5.282		11.485			0.057
-0.711	-22.126		4.484		-23.361		-7.763	9.065
-0.916	-8.183		0.754	4.141	-10.883	1.879		0.085
-0.899		-0.462	2.842	1.581			-3.231	
-0.776			2.403			0.28	-5.734	2.516
-0.784		-0.055	0.978			0.544	-4.542	3.863
-0.739		0.144	2.857				-6.758	3.591
-0.764			-5.495	1.64	2.203	1.398		3.707
-0.844		0.83	-2.225	6.502		1.227		0.972
-0.875	8.621		8.271	1.595				
-0.735		0.345				0.714	-3.58	2.819
-0.799		-0.027	1.449	3.366		0.597	-4.299	2.042
-0.841		0.397	-1.653	1.608		1.264		
-0.803	15.703	0.617	15.574	1.585				-3.905
-0.85			-2.026			1.278		0.595
-0.633							-1.668	1.228

-0.742	-2.136	0.057					-5.129	3.331
-0.862		0.228	-2.739	1.595	1.259	1.218		0.356
-0.828	10.953		9.673	1.603				
-0.822	22.123	0.67	5.179	1.589	15.113			0.169
-0.779	21.349	0.757	6.438	1.598	12.905			0.22
-0.945	39.187		14.759	1.61	24.857			-8.416
-0.864	10.486		10.682					-1.62
-0.968			-4.965	7.379		2.1	2.526	1.16
-0.777			3.421	1.598	-4.221			
-0.783	12.831	0.631	11.652	1.593				-0.733
-0.89	19.105		5.251		13.452			-0.818
-0.788	-1.418	0.963	-1.555	1.61	-5.753	2.36	3.337	
-0.723	1.146							0.584
-0.775	2.503				4.162		-1.915	0.289
-0.857		-0.177				1.282		-3.06
-0.794		0.037	1.662			0.519	-4.296	1.482
-0.925	3.132	-1.09			6.781		-3.187	-0.158
-1.071	11.718	0.022	12.33	7.429	1.957		-6.079	2.791
-0.766			1.014		1.066		-2.455	0.407
-0.841	-1.709						-2.09	0.353
-0.865	-3.246				-4.217	1.517		-1.357
-0.803		0.038	0.798	1.611		0.851	-2.724	
-0.766	-0.607		1.576				-2.534	0.358
-0.73	13.226	0.329			13.739		-3.195	1.355
-0.886	-8.57		1.158	1.597	-11.643	1.895		-0.06
-0.779	4.605		3.924	1.611				
-0.926	21.369		3.267		17.041			-0.281
-0.797			-6.772	5.841	4.544	1.206		1.376
-0.973	29.859		10.74	7.115	18.123			-3.151
-0.968			-2.439	7.361		1.477		1.706
-0.696	18.82	0.722			16.533			1.135
-0.87			1.054	1.582			-1.045	-0.242
-0.855		0.727	-5.929	11.963	1.357	1.204		7.516
-0.834					-1.425	1.387	-1.096	0.654
-0.855					1.419		-1.597	0.09
-0.881	3.809		-3.225			2.69	4.64	0.18
-0.861	-0.441		-1.081			1.312		-1.673
-0.733			-1.08	1.607				0.706
-0.934		0.024	1.278	9.978			-6.186	7.972
-0.849		0.146	0.732	1.584			-0.948	
-0.865			-0.901		0.39	1.282		-1.871
-0.774	11.604	0.644	10.197	1.594				
-0.874			0.917	1.582			-1.023	
-0.869		0.031	-0.447			1.282		-2.005
-0.816	12.191		11.156					-0.824
-1.006	31.423	0.982	5.929	13.018	22.948			0.529
-0.775		0.497	-2.849	1.611		1.421		1.67
-0.884	37.321		14.78		23.133			-8.631

-0.876		-0.007			-0.264	1.281		-2.347
-0.711	10.513	0.349			10.925		-3.357	2.223
-0.887	-6.009		0.467		-8.122	1.692		-0.073
-0.998		0.396	9.929	4.497	-11.869	1.919	0.261	-1.718
-0.878	0.168	-0.035				1.267		-2.503
-1.065			1.073	6.345	-5.664	2.433	3.538	-1.65
-0.805		-0.2					-1.673	3.948
-0.912	3.67		-2.726	1.617		2.733	5.162	-2.736
-0.874		-0.128				1.277	0.074	-2.981
-0.719			-0.807	1.61				
-0.885			0.022	6.458				-0.221
-0.91		0.02	8.85	5.39	-5.317		-6.17	1.952
-0.783	16.083	0.582	16.162					-4.539
-0.908	10.401		9.971	1.576				-1.221
-1.044	51.448	0.642	16.514		36.021			-11.306
-0.986			3.643	1.592	-7.823	2.636	4.093	-4.45
-0.771	-2.116	0.503	-4.691	1.609		1.338		1.825
-0.882		1.225	5.707		-15.053	3.742	7.94	-4.178
-0.722	-1.364	0.396	-4.645			1.413		3.536
-0.862	-8.818		1.718		-12.269	1.919		-0.61
-0.88		0.46	-3.387	6.109		1.71	1.497	0.275
-0.849		1.041	-5.151	11.998		1.39		6.668
-0.833	-1.128	0.246	-2.81			1.301		0.483
-0.787		0.181	-1.668	1.633		1.368		
-0.967		-0.309				0.923		-0.85
-0.746	16.544				14.574			0.896
-0.633	-27.441				-24.656		-9.391	12.912
-0.728		1.03			-5.767	2.145	1.797	1.981
-0.702		0.434	-2.691	1.64	0.766	1.354		
-0.812			4.068	1.602	-3.93			
-1.099	11.001					3.591	10.068	-3.531
-0.762	-3.699	-0.624					-5.087	1.623
-0.814	8.994		-1.034		10.391			-0.48
-0.901	4.355	1.405	3.153		-9.832	3.766	9.155	-2.879
-0.673		0.303					-4.201	6.086
-0.767			-4.675	3.742	2.343	1.408		1.19
-0.82	8.669				9.253			-0.924
-0.739			-5.154		2.074	1.405		3.09
-0.728					-1.047			0.553
-0.725		0.56	-4.465	1.634	1.039	1.302		4.013
-0.771	-0.287		-1.943	1.634		1.391		
-0.905	4.366	-0.59	5.844	1.603				-1.953
-0.707			-0.656	1.609				
-0.963			4.282		-8.391	2.695	4.253	-5.152
-0.836	20.106		5.432	1.61	12.906			
-0.901	17.385	-0.357			17.427			-0.588
-0.795			0.322	1.606				
-0.849		0.217	-2.796		1.295	1.219		0.367

-0.888			-7.237	10.302	2.861	1.325		6.98
-0.848	19.616		7.331	1.606	10.616			-0.134
-0.683		0.086					-0.63	0.374
-0.999		-0.693	0.226	1.62		1.073	-2.018	2.382
-0.794		0.598	-5.487	6.075	3.104	1.217		1.42
-0.759			-0.635	1.608				
-0.718			-1.103					0.715
-0.884	3.944		-2.394			2.771	5.32	-3.389
-0.774			-6.907	1.619	4.609	1.259		1.239
-0.721	-1.273	0.404	-3.558	3.835		1.361		1.113
-0.759	1.305	0.122	1.102	1.611				
-0.883	3.641	-0.402	4.168	1.603				
-1.203	60.024	1.525	15.352	10.517	43.082			-7.756
-0.892	15.347		16.643	1.581				-6.101
-1.028	26.489		7.353	10.149	17.141			-0.001
-0.767					-2.136	1.42		0.92
-0.855			1.016				-1.033	-0.229
-0.784		0.811	-2.283	1.604		1.201		1.039
-0.823	9.345		-6.739	1.598	15.929			
-0.948	11.283	-0.793	0.098	1.605	12.537			-1.435
-0.921			2.043	7.783		0.164	-6.522	5.329
-0.767	12.594	0.61	11.398					-0.691
-0.878	4.102				4.455			-0.625
-0.859	-2.909		-5.658	7.404		1.377		2.743
-0.924		0.317	-0.417	8.492		0.738	-3.01	3.89
-0.768	0.988							2.223
-0.727	10.288	0.787	8.707	1.599				
-1.112	12.473		5.459	2.957		3.371	9.137	-9.433
-0.796			3.867	1.604	-3.474			-0.803
-0.968		1.666	2.217	9.838	-13.765	3.712	8.19	0.445
-0.87			-1.682	1.608	0.019	1.317		
-0.782	12.919	0.823	11.418	1.581				-0.511
-0.939	4.942	-0.744	6.697					-2.258
-0.783			0.405	1.608				-0.449
-0.771						1.105		-3.951
-0.846	-1.062	1.388	1.31	1.596	-11.908	3.27	6.492	
-0.788								0.839
-0.767		0.405	-2.475			1.431		0.861
-0.866	15.665		17.145					-6.669
-0.791		0.145	-0.277	1.592				
-0.676	-6.758		-5.327	1.614			-3.542	2.556
-0.803	0.252	0.238	-0.017	1.59				
-0.805		0.439	1.67	1.632	-3.545	1.478		
-0.918	12.997	-0.937			15.184			-3.466
-1.046		-0.881	2.471	6.846			-3.141	3.125
-0.85	0.657		0.788	1.586				-0.453
-1.014	36.922	0.632			26.836	3.155	12.814	-11.412
-0.796		0.14	-0.547	1.592	0.312			

-0.837	8.682		-6.177	1.594	14.601			0.382
-0.799		0.176	-0.236	1.591				-0.02
-0.798		0.187	-0.254	1.591				
-0.79	-2.157		-0.816	1.611			-3.202	3.916
-0.961	11.764		12.024	6.19				-1.811
-0.984			-2.75	6.849		1.664	1.234	0.23
-0.75	-2.117	0.465	-4.526			1.355		1.318
-1.03	4.121		-0.295	1.586	-1.081	2.459	4.62	-1.938
-0.799			-4.025	1.596	5.308		-2.197	1.159
-0.812			0.137	1.592				-0.73
-0.614	-11.763				-8.933		-4.817	2.284
-0.81			-0.193	1.592				-0.077
-0.806			-0.609	1.593	0.38			
-0.754	12.14	0.905	10.35	1.585				
-0.809			-0.784	1.592	0.608			-0.027
-0.805			-0.953	1.593	0.748			
-0.808			-0.247	1.592				
-0.734		0.646			-2.612	1.337		1.974
-0.93			-1.956	6.555		1.302		0.574
-0.84	13.28	0.694	12.178	7.315				-0.834
-0.867	8.573	-0.096	-5.038	1.589	13.651			
-0.843	0.322		0.216	1.587				
-0.797			-2.7	1.597	4.377		-2.078	
-0.727		-0.029				1.176		-4.085
-0.723						1.161		-4.047
-0.768			-0.973	1.607				2.08
-0.674	1.309	0.522						0.764
-0.892	10.14		9.68					-1.169
-0.857	8.556		-4.835	1.589	13.31		0.09	
-0.785		0.233					-0.415	0.113
-0.888	3.664		4.495	4.792				-1.242
-0.761			-0.972	1.612	1.017			
-0.777			3.985		-3.603			-0.812
-0.847	-2.036	0.673	-5.301	9.606		1.206		4.14
-0.75			-6.598		4.464	1.268		0.738
-0.811		0.217	1.192	4.82		0.54	-4.413	2.367
-0.895	12.695		11.748	6.355				-0.944
-0.806			-0.324	1.609	1.53		-2.567	2.99
-0.952	11.085	-0.684	-1.258	1.607	13.01			
-0.821		0.44	-3.421	1.606		1.701	1.53	0.15
-0.985		-0.79	0.695			1.057	-2.086	1.571
-0.883	7.948		7.038	1.581				
-0.761		-0.006	-0.058	1.612				
-0.766	20.344	0.725	6.67		11.729			0.174
-0.914	11.031		-2.614	7.061	14.061			-0.37
-0.763			0.384					-0.436
-0.945	-1.819	-1.053	1.801	1.612			-4.12	2.158
-0.846	3.402		3.581	1.601				0.251

-0.705		0.742	-1.271	1.604				0.953
-0.757					0.328			-0.359
-1.037	-2.391		1.14	5.525	-9.338	2.846	4.193	-1.541
-0.674		0.359			1.34		-5.582	4.705
-0.99	12.143	-0.986	0.756		13.032			-1.744
-0.797			-0.129	4.745				-0.007
-0.812	21.346	0.651	5.176		14.372			0.157
-0.742		0.48	4.366	1.594	-5.235			
-1.007	11.789		11.506	8.025				-1.473
-0.657	-6.844		-5.4				-3.59	2.588
-0.702	27.174	0.75			25.662			-2.181
-0.948		-0.641	1.293	2.565		0.996	-2.199	0.053
-0.739			4.267	1.612	-5.037			
-1.046			1.035	5.219	-7.789	3.094	5.432	-2.563
-0.744		0.599	-5.915	1.612	3.282	1.174		2.035
-0.809							-0.313	0.086
-0.776			-0.762	1.608				
-0.709	-12.835				-10.081		-4.563	2.04
-1.207	17.02		-3.408	10.46	12.513	2.605	8.059	-3.18
-0.765		0.771	-2.12			1.218		0.541
-0.752		0.052	0.797	1.61	-0.999			
-0.732		-0.085						-0.166
-0.958		-1.075	2.468	1.613	1.105		-3.586	1.262
-0.787			-0.993	1.606				0.611
-0.872	-6.464	0.433	0.282	4.601	-8.798	1.708		0.347
-0.919	-0.793	0.26	-2.29	6.205		1.301		0.329
-0.74	-0.122							-0.224
-0.708		0.53	-4.22		0.986	1.32		3.441
-0.82		-0.488			2.491		-4.993	3.945
-0.859	19.02	0.089	4.909	1.599	13.506			-0.644
-0.757					-0.875			1.862
-0.559		0.493					-2.789	2.259
-0.871	14.563	0.897	13.119	8.293				-0.707
-0.779	0.434							0.051
-0.928		0.241	-2.485	6.44	1.084	1.244		0.295
-0.701			-5.395	1.615	4.083			1.335
-0.84			-1.472	1.612		1.32		-0.921
-0.774	-2.356	-0.396					-5.205	4.565
-0.796	-3.815		-1.967	1.594			-2.839	1.179
-0.654	-1.108	0.437					-5.685	5.313
-1.117		-0.265	-2.29	10.719		1.21	-1.592	6.776
-0.968	-2.396		2.786	1.601	-10.711	2.972	4.551	-3.426
-0.753		0.309	1.106	1.611		0.385	-5.123	3.796
-0.792	8.106	-0.306			9.877		-3.24	1.171
-0.777		0.121						-0.656
-0.783					0.206			-1.021
-0.778								-0.697
-0.943	10.943		-7.148	9.103	17.984			0.377

-0.687		0.48	-1.23	1.606				0.893
-0.787			0.263					-1.128
-0.964	-1.61	-1.188	4.493	1.612	-1.621		-3.927	
-0.893	14.517	0.748	13.622	7.615				-1.603
-0.701			-1.022	1.626				0.775
-0.792	0.22	0.179						-0.077
-0.832	15.028		14.947	1.601				-3.67
-0.741		0.508	-3.739	4.19	1.363	1.337		1.215
-0.926	-3.181		-2.799	10.345			-3.581	7.474
-0.968		0.309	-1.462	7.449		1.225		0.682
-0.768		-0.146	-0.077	1.608				
-0.882	12.543		13.294	1.593				-3.428
-0.787	17.192		6.91		8.722			-0.138
-0.789	-0.045							-0.673
-0.833	0.591		0.677					-0.414
-0.817		0.809			-1.928	1.12		0.572
-0.904		1.007	-3.132	9.93		1.143		3.594
-0.786		0.166	-0.251					-0.017
-0.759		-0.092	-0.111	1.609				-0.049
-0.796		0.142			-0.173			-0.102
-0.794			-0.232					-0.052
-0.795					-0.226			-0.081
-0.805	-2.708		-0.724	1.593			-2.387	
-0.962	-1.443		-1.553	6.085	-1.157	1.372		0.009
-0.716	-11.699	-0.308			-9.107		-7.1	7.913
-0.935	-1.605	-1.147	2.434				-4.142	1.269
-0.794			-0.846		0.639			-0.006
-0.973			-2.546	6.863	1.243	1.258		0.397
-0.678	1.149							0.656
-0.923	-0.893		-2.212	6.426		1.239		0.354
-0.939			1.223	6.797			-1.12	-0.275
-0.783			-4.073		5.318		-2.186	1.174
-0.695		0.654	-0.885	1.608				
-0.693								-1.816
-0.814		0.037						-0.225
-0.878		-0.286	-0.865	1.585	2.647		-1.805	
-0.851	1.663					1.288		0.392
-0.779	-18.49	-0.724			-14.846		-7.982	9.073
-0.906	15.439		15.458	4.765				-3.935
-0.846	-6.994	0.418	0.468	1.594	-9.649	1.72		0.662
-0.914					-1.74	1.321		0.213
-0.733	5.322				6.632		-3.809	2.759
-0.832	20.985	0.398	3.662	1.602	15.969			
-0.83		0.865	-1.499	11.764		0.446	-4.783	8.65
-0.942	-2.469		3.418		-11.303	3.019	4.664	-4.104
-0.715	0.303	0.014						0.058
-0.725	-1.933		-3.006	1.61				0.949
-0.842	-7.046	0.4	0.731	1.596	-9.82	1.736		0.255

-0.883	25.545	-0.282			26.438			-4.172
-0.771	-1.951		-0.432				-3.132	3.275
-0.943		-1.151	3.103		0.866		-3.648	0.49
-0.851	-6.769	0.36	0.96	1.595	-9.612	1.722		
-0.744			-0.796					1.554
-0.881	10.828	0.025	10.992	1.593				-1.633
-0.814			-1.34			1.327		-1.339
-0.999	1.795		0.296		-3.602	2.443	4.042	-1.729
-0.772	12.628	0.8	11.128					-0.483
-0.944		-1.09	3.342	2.178	0.911		-3.556	-0.54
-0.936	-0.306	-1.102	3.534	1.613	0.505		-3.643	-0.554
-0.94	-0.693	-1.101	3.711	1.923			-3.717	-0.536
-0.81		0.344	-2.95			1.681	1.395	-0.588
-0.941	-1.153		-1.581	1.593	-3.043	1.919	1.803	
-0.843	7.439				9.033			-3.76
-0.692		0.734	-1.29					0.959
-0.941			-2.384	10.121	2.597		-2.701	6.106
-0.824	3.472		3.842					-0.294
-0.823	8.257		-5.957		13.934			0.379
-0.835		0.773	-6.882	10.345	3.434	1.049		4.662
-0.679			-1.046					0.787
-0.807	15.471		15.633					-4.419
-0.863	27.658	-0.07			28.274		-0.07	-4.374
-0.77			-1.016					0.62
-0.684		0.481			-1.187			0.717
-0.688			-4.239	1.618	3.447			
-0.903	-2.773	-1.176	4.507		-2.42		-4.264	-0.445
-0.786			0.086		1.311		-2.546	2.42
-0.856		0.541	-0.186	1.603	-1.552	1.29		
-0.818			0.76	3.878	1.373		-2.478	0.433
-0.73		-0.059			-0.197			-0.008
-0.915			-1.924	9.97				4.932
-0.858	13.034		14.01					-4.166
-0.819	4.873		0.21	1.608	5.95		-1.237	
-0.901		0.941	-5.981	10.803		1.83	2.268	4.19
-0.676		0.4	-0.869	1.61				
-0.685			-5.42		4.086			1.345
-0.806	4.098		-0.273	1.611	5.814		-1.532	0.109
-0.728	23.199				22.054			-2.262
-0.695			-0.721	1.626				
-0.926		-0.767	1.137	1.604				
-0.712	-1.736		-2.447	1.613				
-0.775	-4.008		-2.162				-2.914	1.263
-0.874	-1.654	-0.236	0.249	1.584			-1.978	
-0.651	-7.296		-6.91	1.629			-4.45	7.462
-0.742			-1.423	1.609			0.884	
-0.741		-0.115	-0.122					-0.048
-0.767		-0.219						-0.021

-0.826	-0.282		1.91	3.691			-2.384	0.197
-0.816	-7.959		-8.594	11.494			-4.757	11.212
-0.697			-1.079	1.618				0.77
-1.002	36.484		12.406	5.94	23.731			-5.862
-0.701			-0.588	1.62				
-0.812					2.035		-1.768	-1.29
-0.723						1.06		-3.587
-0.673		0.47	-1.249					0.898
-0.787			-1.026	5.681				0.698
-0.725		0.564	-5.69		3.229	1.192		1.513
-0.789	14.891	0.602	14.419	1.592				-2.861
-0.738								-1.822
-0.894	-3.44		0.086	1.595	-4.597	1.522		-1.011
-0.956	-7.983		-0.302	5.924	-10.095	1.843		1.425
-0.859	-0.745	0.171	-1.944	1.598		1.3		-0.489
-0.811	-0.761	0.237	-2.379	1.611		1.289		
-0.821	-8.408	0.426	1.331		-11.912	1.833		0.251
-0.626	-6.041		-4.591	1.632			-3.57	2.553
-0.83	-7.431	0.374	1.106		-10.521	1.767		0.049
-0.708	-1.952		-3.048					0.961
-0.682					-1.053			0.628
-0.887			-8.204	8.226	5.217	1.241		3.3
-0.745		0.212	1.549			0.378	-5.191	2.996
-0.804	-2.095						-2.223	-0.545
-1.015	2.981		-3.766	6.946		2.667	4.828	-0.71
-0.871		0.122	-1.65	1.597	0.725	1.256		-0.924
-0.811	-7.182	0.428			-9.47	1.743		0.641
-0.832	9.248		-1.433	1.608	10.949			-0.197
-0.848	9.335	0.186	8.732	1.595				
-0.916		-0.841	1.851	1.606				-1.714
-0.811	15.661	0.583	15.652	1.584				-4.076
-0.853			1.567	1.586			-1.143	-1.348
-0.767			2.232	1.601	-3.118			0.207
-0.765			2.515	1.601	-3.323			
-0.864	-2.119	-0.198					-2.402	0.302
-0.601	-6.082		-4.62				-3.618	2.583
-0.878	10.237	-0.095	10.597					-1.732
-1.02	12.494	-0.755	-1.041	6.406	14.868			-1.303
-0.917	18.866	-0.171	5.06		13.685			-1.007
-0.729	1.22							0.774
-0.698					-0.915			0.616
-0.676			-1.101					0.783
-0.821	-3.629				-1.679		-2.564	0.638
-0.777	2.023		0.444		3.34		-1.998	0.254
-0.656		0.571	-1.227	1.621				0.984
-0.658			-0.778	1.61				
-0.968	3.149		2.439	8.997				2.815
-0.871	-4.032		0.716		-5.697	1.573		-1.491

-0.661		0.548	-4.222	1.611	2.809			1.354
-0.876		-0.158			1.692		-1.754	0
-0.927	0.939		1.244	6.87				-0.594
-0.904		-0.901	1.927					-1.788
-0.867		0.02	1.021	1.583			-1.033	-0.222
-0.902		-0.97			1.967			-1.624
-0.739			-1.191	1.606				0.999
-0.77	15.382	0.569	15.162					-3.627
-0.848	-0.544	0.086	-1.376			1.307		-1.332
-0.858		0.094	0.814	1.583			-0.976	
-0.866			-3.809	6.482	5.253		-2.259	1.114
-0.921			-0.348	7.791				0.825
-0.736		0.344				0.994		-3.777
-1.036			2.45	4.704	-6.8	2.54	3.817	-3.115
-0.807			-0.415	1.605				1.81
-0.859		0.048	-1.042		0.441	1.276		-1.708
-0.859		0.188	-0.165	6.445				-0.035
-0.724		0.273	-0.663	1.608				
-0.663			-8.363	1.621	7.947		-1.57	2.359
-0.855		-0.285	4.679	1.601	-4.346			
-0.779	1.812	0.545				1.147		0.603
-0.874			-0.495	6.401	0.434			-0.102
-0.877			-0.054	6.382				-0.154
-0.799	15.974	0.503	16.327					-4.923
-0.816			3.044	1.602	-3.43			1.245
-0.663	-4.608		-3.325	1.62			-2.268	
-0.932	4.34	-0.536	5.81	4.203				-1.922
-0.828			1.713				-1.161	-1.75
-0.734	-0.64		-1.235	1.609				
-0.839		-0.396						1.454
-0.827	10.243		-5.167	1.599	16.087			-1.871
-0.682	-1.228	0.555	-2.475	1.607				1.075
-0.801					-0.821			0.41
-0.752			2.269		-3.175			0.207
-0.793	0.179	0.213	-1.497	1.633		1.364		
-0.811			2.852	1.603	-2.597			
-0.637		0.553	-1.244					0.99
-0.604	-6.827		-6.296				-4.162	6.371
-0.801					-0.561	1.222		-2.926
-0.703			-0.326	1.61			-0.375	
-0.702	-7.519		-6.501	1.607			-3.902	4.519
-0.694			-0.639	1.614				
-0.711		0.425	4.971	1.607	-5.808			
-0.728		0.762			-1.123			0.733
-0.812	9.16		-1.019		10.641			-0.732
-0.724					-0.999			0.423
-0.748	-3.857				-4.635			0.455
-0.752						1.156	0.396	-4.794

-0.764		0.762	-1.215	6.382				0.952
-0.703		0.037	-0.658	1.609				
-0.897	4.231	-0.546	5.464	1.603				-1.42
-0.955	12.474	-0.905	0.449	1.607	14.045			-2.925
-0.844		-0.329	5.129	1.603	-4.293			-1.286
-1.019	-2.693	-0.783	-0.469	7.932			-4.144	5.423
-0.941	14.854		15.838	4.334				-5.134
-0.826			0.454	4.472				-0.473
-0.928	9.122		-3.355	9.604	11.767			2.476
-0.834			3.729	4.229	-3.308			-0.794
-0.642	1.293	0.463						0.799
-0.719							-1.05	0.95
-0.647		0.538	-4.271		2.837			1.365
-0.781	0.616							1.869
-0.759			-0.615	1.608	-0.021			
-0.816	6.606		-5.704	1.598	12.855		-0.79	
-0.714			-1.047					0.568
-0.93								0.143
-0.716	-6.632		-5.212	4.328			-3.473	2.514
-0.853		0.011	0.998				-1.027	-0.218
-0.717	0.845							0.592
-0.928	-5.295	0.598	-2.139	8.513	-6.212	1.546		3.25
-0.85			-0.925	6.444				0.599
-0.647			-8.378		7.935		-1.564	2.364
-0.795			2.537	1.605	-2.072			-0.714
-0.824	9.371	-0.009	-6.761	1.598	15.982			
-0.695	-9.512		-3.175	1.609	-4.283		-4.062	2.386
-0.879	4.124	-0.009			4.486			-0.634
-0.674			-3.876	1.625	2.655			1.182
-0.666	-5.857	0.215	-4.815	1.613			-3.086	2.396
-0.655		0.496	-0.83	1.622				
-0.842	1.044		1.705	1.588				-1.728
-0.767	0.994	0.01						2.225
-0.99	1.394					1.209		0.136
-1.022		-0.812	0.187	7.568	1.975		-3.374	4.071
-0.686	-1.224		-2.289	1.623				0.936
-0.785					-0.286			1.36
-0.772	0.018					1.108		-3.919
-0.622	-13.601	-0.247			-10.112		-5.551	2.462
-0.784			-0.241					1.299
-0.82	4.861		-5.417	1.595	10.785		-1.097	0.793
-0.656		0.471	-3.123	1.615	2.254			
-0.83		-0.364	5.377		-4.505			-1.346
-0.772		0.705			-1.273	1.152		-1.294
-0.758			-5.314	5.899	4.062			1.323
-0.776		0.886	-3.527	12.05				7.326
-0.78		0.246	1.089	1.592	-1.525			
-0.888	4.467	-0.638	6.074					-2.247

-0.722			-1.956	1.623				3.279
-0.826	0.591	0.157	0.547	1.587				-0.271
-0.864	-3.291		-1.411	5.768			-2.657	0.957
-0.739		0.504	-1.183	5.808				0.895
-0.794			3.405		-3.59			0.69
-0.772		0.224	-0.478	1.595				0.201
-0.828		-0.251	-3.152	1.596	5.265		-2.423	
-0.776		0.194	-0.363	1.594				
-0.667	-1.265	0.542	-2.53					1.085
-0.937	12.729	-0.991	1.035		14.095			-3.789
-0.694	1.659	0.579						1.647
-0.815	0.402	0.205	0.191	1.588				
-0.762	-4.54		1.353	1.603	-6.418			
-0.868	12.428	0.471	11.818	6.868				-1.158
-0.806	10.112		-4.74		15.699			-2.349
-0.783		0.181	-1.013	1.594	0.65			0.163
-0.784		0.165	-0.852	1.594	0.567			
-1.261						1.062		-0.217
-0.623	-13.237		1.635		-11.695		-5.057	2.113
-0.827	-1.21	-0.608						-1.033
-0.673	-1.087	0.478	-1.907	1.611				
-0.819		-0.139	-4.064	1.595	5.59		-2.343	1.091
-0.838	8.693	-0.004	-6.179	1.594	14.617			0.378
-0.798		0.148	-0.111	1.592				-0.31
-0.761			-1.235	1.609			0.56	
-0.656		0.57			-1.119			0.804
-0.77			-1.439	1.607			0.582	0.488
-0.908						0.91	-1.438	0.828
-0.71	0.977	0.402						0.503
-0.695								-1.531
-0.804			-0.002	1.593				-0.533
-0.796			-3.763	1.596	5.162		-2.19	0.856
-0.805			-0.383	1.593	0.404			-0.512
-0.846	12.219	0.728	10.684	8.531				0.463
-0.934	10.359		10.336	6.661				-0.962
-0.916	10.962	-0.641			13.97			-6.269
-0.649	-12.519		1.059	1.625	-10.574		-4.875	2.134
-0.679	-7.414		-6.274				-3.862	4.047
-0.81			-0.268	1.592	0.074			-0.068
-0.741	0.906					1.168		-1.664
-0.679	-10.035		-2.902		-4.969		-4.191	2.39
-0.806			-0.625	1.593	0.396			
-0.921			-1.847	6.161		1.31		0.256
-0.697		0.454						-1.867
-0.921	-1.638	0.542	-4.488	9.143		1.28		3.318
-0.778		-0.201	-2.379	1.614	2.623			
-0.74	-14.444				-11.775		-5.019	3.46
-0.909			-1.281	9.417				4.221

-0.871	7.977	-0.121	-4.755	1.589	12.949		-0.175	
-0.718		0.812	-1.685	1.6				2.019
-0.725		-0.036				1.174		-4.062
-0.776			2.74		-2.29			-0.729
-0.765		0.025	-1.006	1.607				2.127
-0.788		0.231					-0.434	0.18
-0.699		0.708	-1.482	1.605			0.295	0.872
-0.654			-3.771		2.536			1.176
-0.662		0.43	-1.214	1.615				0.921
-0.665	-1.2		-2.287					0.945
-0.891	1.655	0.668				1.092		0.416
-0.672		0.677	-2.44	1.616				4.187
-0.649	-6.045	0.191	-4.947				-3.186	2.447
-0.722		0.5	2.332	1.598	-3.357			0.362
-0.888	12.976		12.17	6.001				-1.358
-0.709	1.798							2.355
-0.819	1.122		1.947					-2.197
-0.78	-1.885		-2.901	5.608				0.932
-0.936		0.431	-4.226	8.732	1.919	1.185		2.435
-0.728		0.481	3.355	1.597	-4.233			
-0.822	0.695							0.355
-0.752			5.644	1.61	-6.4			
-0.873	9.604		-2.329	6.624	12.42		-0.178	-0.286
-1.029	-2.19		1.479	5.052	-9.5	2.896	4.376	-2.017
-0.803		-0.056	-0.078	4.697				-0.055
-0.702		0.547	-1.667	1.6				2.023
-0.745			-0.981	4.406				0.759
-0.65		0.422			-1.175			0.756
-0.904	-3.87	0.332	-0.63	5.381	-4.966	1.523		0.252
-0.659			-5.528	1.624	5.534		-0.968	
-0.742			4.696	1.611	-5.436			-0.072
-0.777			-0.795	1.608				0.086
-0.709	-12.747	0.011			-10.023		-4.531	2.033
-0.68	-1.111		-1.816	1.623				
-0.709			-5.783	1.613	4.246			1.929
-0.973	15.517		-8.144	10.136	22.707		1.236	-0.083
-0.816	-4.139	-0.159	-1.96	1.593			-3.091	1.136
-0.684	-2.533				-3.398			0.592
-0.775	0.367							-0.108
-0.758		-0.004			-0.871			1.857
-0.701			-1.189	1.618			0.662	
-0.942			1.412	9.303	-2.767			3.986
-0.698	0.307		-5.711	1.615	4.673			1.387
-0.698			-1.783					2.766
-0.878								0.176
-0.871	14.51	0.904	13.027	8.382				-0.615
-0.678		0.207						-1.836
-0.832	-3.442	-0.248	-0.89	1.592			-2.888	

-0.671			-2.947	1.625	2.188			
-0.755		0.244			-0.544			0.194
-0.796	-4.047		-2.283	1.593			-2.923	1.549
-0.768		0.1						-0.742
-0.702		0.294	-1.438	1.609			0.869	
-0.754			-1.465				0.585	0.497
-0.804	-6.526	0.373	-7.792	12.378			-4.012	10.974
-1.238						1.169		-0.095
-0.757		0.217	-0.509					0.218
-0.776	-1.756	-0.393			0.575		-5.095	4.368
-0.778	0.092	0.158						-0.476
-0.777		0.079			0.114			-0.874
-0.779		0.083	0.123					-0.889
-0.78			0.147					-0.964
-0.779					0.113			-0.89
-0.717			0.976	1.622	-1.582			
-0.689		0.623	-1.152	1.608			0.325	
-0.811	0.528	0.149	0.449					-0.242
-0.783			-0.029		0.227			-1.006
-0.85		1.039	-2.682	11.148				4.869
-0.701			-0.967	1.626			-0.073	0.794
-0.948	11.034	-0.031	-7.169	9.124	18.127			0.349
-0.942	10.965		-7.119	9.053	17.998			0.326
-0.769		0.171	-1.063		0.679			0.174
-0.873	12.741	0.066	13.38	1.592				-3.366
-0.847							-0.784	0.592
-0.776			-3.361		4.922		-2.163	0.347
-0.756	1.042	0.773						0.696
-0.716			-1.828	1.616				2.783
-0.805		-0.149	-4.114		5.619		-2.342	1.101
-0.798	2.909		-4.901		8.594		-1.53	0.955
-0.685								-1.743
-0.857			-1.804	8.313				2.83
-0.637		0.472	-6.79	1.618	6.118		-1.278	2.184
-0.794			-0.155		-0.076			-0.061
-0.774	-7.585		-7.138	8.627			-3.856	6.189
-0.644		0.413	-1.231					0.929
-0.972	-1.734		-1.796	6.582	-1.404	1.385		0.481
-0.95			1.068	7.247			-1.092	0.081
-0.851		-0.427			3.071		-2.282	-2.174
-0.734	-2.02		-3.314	1.608				1.541
-0.935		0.024	1.184	6.792			-1.105	-0.251
-0.723			4.892		-5.641			-0.091
-0.827	-9.443	0.562	0.851	1.595	-13.068	1.875		1.466
-0.685		0.7	-1.507				0.302	0.876
-0.704	-2.716	0.562			-3.723			0.672
-0.883		0.326	-2.401	10.84				5.711
-0.747			-1.036	4.825				0.752

-0.863								0.272
-0.709		0.49	2.371		-3.411			0.359
-0.752			-0.663					-0.317
-0.748		-0.035	-0.749					1.485
-0.836		0.764	-2.646	10.852				4.819
-0.7		0.772	-1.515					1.539
-1.032						0.893	-1.164	0.493
-0.66		0.359	-0.847	1.616				
-0.853	10.066				11.441		0.686	-4.624
-0.675	1.081	0.588						0.799
-0.954	1.226	-1.068	2.924	2.606	2.319		-3.25	-0.618
-0.696		0.515			-1.394			1.258
-0.82			2.272	5.662	-3.106			0.201
-0.679			-0.972				-0.098	0.814
-0.717		0.571	-4.095	6.006	2.735			1.344
-0.707					-1.63			2.199
-0.824	8.279	-0.008	-5.96		13.967			0.372
-0.691	-0.304		-3.964	1.617	2.882			
-0.711		0.195				1.004		-3.553
-0.644	-6.659	0.163	-6.544	1.627			-4.113	7.305
-0.798	-4.368	-0.176	-2.155				-3.193	1.216
-0.633			-6.833	1.633	6.514		-1.58	2.208
-0.754			-1.029	1.608	-0.458		0.942	
-0.83	-2.916	-0.33					-2.796	-0.933
-0.686			-5.494		4.117			1.459
-0.684	0.086		-5.509		4.251			1.359
-0.695			-0.753	1.625			0.037	
-0.861	12.951	-0.027	13.973					-4.193
-0.692		0.126	-0.607	1.619				
-0.929		-0.813	0.496	1.605	0.707			
-0.743	0.04		-1.4	1.608			0.901	
-0.923		-0.735	1.003	1.604				0.244
-0.775	-3.841		-1.936				-2.854	0.997
-0.655		0.641	-2.254					3.663
-0.683		0.507	-1.495					1.537
-0.724						1.027	-0.196	-3.105
-0.72	-4.129		2.586	1.617	-7.226			
-0.702	0.036		-0.553	1.62				
-0.73	-0.169							-2.179
-0.642		0.5	-3.134	1.621	1.8			1.231
-0.852			-2.804	9.355				5.793
-0.742					-0.098			-1.604
-0.706		0.608	-1.193	4.99				0.98
-0.735							0.068	-1.95
-0.72			-8.321	5.818	7.975		-1.591	2.36
-0.622	-5.585	0.117	-4.345	1.63			-3.323	2.467
-0.618	-5.731		-4.387	2.818			-3.35	2.406
-0.71	-1.972		-3.117					1.095

-0.677		0.625	-5.021	1.605	3.029			2.849
-0.818	-9.069	0.47	1.365		-12.81	1.872		0.585
-0.652	-0.721	0.497	-1.944	1.619				1.048
-0.692			-1.647					2.252
-0.623		0.461	-6.84		6.148		-1.278	2.194
-0.697		0.443					-1.224	1.153
-0.935		-0.783	1.786	3.459				-1.646
-0.671	2.134	0.553						2.971
-0.737	-1.138	0.587	-2.338	5.863				1.066
-0.815		0.838	-6.447	11.751	3.352			5.995
-0.898		0.434	-1.177	9.232				2.383
-0.75	0.509	0.528				1.02		-2.779
-0.874		-0.177	2.045	1.586			-1.286	-1.935
-0.613			-6.719		6.382		-1.575	2.199
-0.918		-0.873	1.292	1.606	0.596			-1.686
-0.906			-5.48	8.695	6.198		-2.322	3.109
-0.843	-4.288	-0.205			-1.881		-2.947	0.621
-0.969	3.371	-0.246	3.227	7.885				1.734
-0.636	-3.914		-2.756	1.629			-2.121	
-0.598	-5.748	0.085	-4.441				-3.438	2.52
-0.709					-1.187			1.368
-0.766			2.32	1.601	-3.174			0.122
-1.027	11.625	-0.641	-1.785	7.869	14.054			0.27
-0.645	1.496	0.583	-5.695	1.615	5.607			1.606
-0.718	1.337	0.518				1.081		-0.688
-0.698					-0.786		-0.176	0.681
-0.655		0.577	-1.123	1.621			-0.141	1.025
-0.912		-0.839	1.394					-0.535
-0.913		-0.893			1.398			-0.33
-0.736		0.412	0.317	1.605	-1.022			
-0.888	12.458	-0.443	-4.752	1.599	18.928			-3.711
-1.224						0.989		-0.146
-0.903	0.87	0.162	0.993	6.835				-0.406
-0.686	-8.02		-0.837	1.613	-5.198		-2.926	
-0.625		0.485	-3.053		1.709			1.225
-0.938	0.786		0.863	7.456				-0.018
-0.806		0.601					-1.056	0.921
-0.698	-1.339	0.629	-3.137	1.601				2.515
-0.908			-1.771	8.151	1.081			1.507
-0.674			-9.04	1.618	8.317		-1.62	3.274
-0.73	-11.224		-3.851	1.599	-5.598		-4.635	4.572
-0.79					-1.283		0.613	0.212
-0.708	-1.251		-3.263	1.62				3.475
-0.911			-0.583	7.915				1.179
-0.691	-6.397	0.287	-5.939	1.604			-3.336	4.515
-0.733		0.296				1.029	0.16	-4.141
-0.654	-3.717	0.227	-2.888	1.618			-1.81	
-0.886		-0.136	-3.85	6.507	5.531		-2.403	1.048

-0.633	-0.716	0.478	-1.955					1.054
-0.937		0.352						0.249
-0.719	-0.314	0.212	-0.95	1.608				
-0.82		0.759	-3.484	12.147				7.193
-0.854	19.856		-5.985	1.601	25.625		2.391	-4.631
-0.857			-2.775	9.705				5.553
-0.814			1.004	1.604	-1.352			1.56
-0.852		-0.732	1.392		0.152			-1.457
-0.838		0.222	-0.339	6.299				0.123
-0.847		0.192	-0.736	6.381	0.477			0.099
-0.83			-7.129	9.09	4.846			4.133
-0.695			-4.621	1.622	2.54			3.493
-0.858		-0.261	2.417				-1.371	-2.618
-0.848		-0.22	3.968	1.601	-3.974			0.699
-0.719		0.744			-1.461		0.462	0.573
-1.244		0.362				1.014		-0.125
-0.874			-0.492	6.401	0.431			-0.103
-0.675		0.532	-2.218	1.612				3.583
-0.737	-4.294	0.391	2.128	1.6	-7.016			
-0.626	-6.715	0.125	-6.379				-4.148	6.775
-0.856	-0.316	-0.513						1.105
-0.744			2.906		-3.573			-0.42
-0.711		0.693			-0.824			-0.053
-0.636		0.559	-1.123				-0.164	1.038
-0.692			-0.351	1.613			-0.33	
-0.832			-1.363	6.289			0.567	0.48
-0.699							-0.707	-0.015
-0.757		0.731	-1.41	6.305			0.271	0.877
-0.708		-0.057	-0.236	1.61			-0.471	
-0.871		-0.287	4.852	3.853	-4.048			-1.218
-0.721	-12.849		8.139	1.612	-18.821		-2.717	
-0.876	12.757	-0.532	-4.236		19.091			-4.566
-0.833	-1.364	0.848	-4.173	11.185				5.406
-0.693		0.005	-0.64	1.614				
-0.719		0.419	5.823	1.606	-6.649			
-0.898	-4.858		-3.656	8.276			-3.212	3.828
-0.705		0.433	4.306	1.608	-5.194			0.114
-0.724			-4.075	4.911	2.886			1.199
-0.772	-9.307		4.061	1.597	-12.463		-1.453	
-0.736	-3.592				-4.206			-0.014
-0.66		0.589	-4.796		2.98			2.352
-0.652	-1.76	0.471			-2.806			0.751
-0.707	-5.549	0.255	-4.593	4.634			-2.924	2.321
-0.886	-11.169	0.985	-1.547	9.448	-14.258	1.905		5.606
-0.878		0.308				0.818	-1.48	0.936
-0.807		0.824	-5.387	12.677	1.644			7.875
-0.677		0.326						-1.648
-0.834			2.253	4.314	-1.751			-0.696

-0.634	1.24	0.567	-5.491		5.156			1.573
-0.643	-17.837	-0.399	3.46		-16.676		-6.508	2.206
-0.716	0.297						-0.704	0.839
-0.651	-0.664	0.427	-1.468	1.621				
-0.731	-1.266		-2.291	4.496				0.926
-0.644		0.437	-2.196	1.622	1.357			
-0.774		0.524	2.387	5.802	-3.365			0.362
-0.831	5.906	-0.134	-5.625	1.597	12.427		-1.107	
-0.724	-8.833		-3.531	3.87	-3.387		-3.897	2.388
-0.675		0.656			-1.764			2.535
-0.64		0.408	-4.137	1.62	3.814		-0.651	
-0.703	0.577							-0.169
-0.879			-1.282	7.55				1.58
-0.851	-2.232		-4.164	8.5				3.476
-0.709	-11.409		-3.417		-6.037		-4.651	4.108
-0.975		0.468				0.767	-1.26	0.699
-0.683	-8.142	0.141	-3.446	1.61	-3.074		-3.615	2.329
-0.824	-6.147	0.51	-6.777	10.62			-3.148	7.146
-0.779	-0.559	0.806	-4.06	12.01				7.324
-0.674		0.504			-1.952			2.843
-0.653			-8.683		8.102		-1.587	2.779
-0.835		-0.297	4.653		-4.32			-0.064
-0.718		0.556	0.156	1.604	-1.87		1.092	
-0.685	-1.218		-3.051					2.945
-0.715		0.464	-1.178	5.224				0.915
-0.832	19.45		-5.534		24.965		2.321	-5.032
-0.779		0.897	-3.382	12.068			-0.266	7.544
-0.677	-0.301		-3.542	1.624	2.055			1.129
-0.68	-1.337	0.59	-2.965					2.032
-0.655		0.496	-0.84	1.622			0.013	
-0.793			1.607		-1.76			0.972
-0.838	0.999	0.034	1.58	1.588				-1.588
-0.673			-4.338		2.44			2.961
-0.666	-16.034	-0.304	2.453	1.627	-14.379		-5.984	2.207
-0.718			0.41	1.62	-1.668		0.716	
-0.671	-6.466	0.244	-5.803				-3.383	4.054
-0.705	0.393	0.594						-1.052
-0.752	0.866		-6.204	6.064	5.725			1.466
-0.831	4.509	-0.087	-5.343	1.594	10.565		-1.267	0.777
-0.652	0.316	0.475	-3.4	1.616	2.83			
-0.688		0.416	4.52		-5.41			0.089
-0.722			-1.852	1.624			-0.172	3.397
-0.88	-3.572	-0.135	-1.412	5.725			-2.872	0.924
-0.928	12.007	0.411	11.208	7.918				-0.216
-0.959	20.493	-0.749			22.99		2.34	-9.629
-0.772		0.268	0.684	1.593	-1.197			0.111
-0.774		0.253	0.826	1.593	-1.278			
-0.77		0.243	-0.566	1.594				0.377

-0.825		-0.232	-3.341	1.596	5.362		-2.42	0.181
-0.709	1.428	0.508						1.358
-0.703		0.525					-0.272	-1.362
-0.66		0.61	-3.879	1.616	1.428			4.192
-0.712		0.779	-1.947	1.6			0.324	2.006
-0.709	1.277	0.559	-0.734	1.606			1.393	
-0.783		0.176	-0.965	1.594	0.627			0.107
-0.692		0.495	-6.679	5.919	6.064		-1.286	2.18
-0.856								0.251
-0.765			-1.323	1.608			0.567	0.214
-0.656		0.569			-1.027		-0.126	0.851
-0.621	-13.31		1.694	-0.161	-11.809		-5.076	2.111
-0.668	-0.626	0.605	-3.029	1.614				4.16
-0.699		0.354	1.645	1.62	-2.315			
-0.645			-4.275	1.63	4.238		-0.88	
-0.757			3.544	1.61	-4.972			1.772
-0.805			0.205	1.593	-0.197			-0.574
-0.651			-8.021	1.631	6.776		-1.738	5.033
-0.671	-9.158	0.091	-3.075		-4.195		-3.906	2.354
-0.657	-2.964				-4.387			2.168
-0.927		-0.115	-1.017	9.124				3.893
-0.797		0.768	-9.449	12.11	7.084		-1.423	7.172
-0.672		0.695	-2.277	1.617			-0.299	4.427
-0.945			-1.89	9.937	0.53			4.654
-0.614		0.419	-5.713	1.628	5.151		-1.322	2.08
-0.738	-14.185	0.034			-11.607		-4.922	3.446
-0.659		0.494	-2.023					3.032
-0.727		0.544	1.437	1.595	-2.802			1.242
-0.847	-1.425		-4.394	9.879				6.294
-0.8			-10.802	9.651	9.366		-1.781	5.756
-0.787			-5.849	9.679	2.943			5.96
-0.659	-0.577		-3.132		1.385			1.076
-0.746			3.906	4.294	-4.641			0.005
-1.229						1.137		-0.078
-0.653		0.552	-7.76	1.611	6.488		-1.326	3.837
-0.818	0.972						0.347	0.244
-0.71	0.699		-0.715	1.62			0.878	
-0.686		0.2	-1.269	1.616			0.718	
-0.826	1.189	-0.051	2.134					-2.409
-1.229		0.215				1.131		-0.056
-0.977	22.358		-8.168	9.314	29.344		2.834	-2.851
-0.664	-10.868		3.284	1.622	-11.541		-3.462	
-0.783		0.746	-8.656	13.239	5.646		-1.573	9.372
-0.844		1.003	-2.98	11.214			0.358	4.88
-0.714			-0.933	4.314			-0.026	0.725
-0.742	1.629	0.806					0.722	0.475
-0.682	-1.256		-1.632	1.623	-0.321			
-0.813		-0.317	-2.785		5.196		-2.477	-0.583

-0.707	0.215		-5.996	1.613	4.655			1.951
-0.741			-1.172				0.547	-0.196
-0.966	15.791	0.056	-8.2	10.203	22.9		1.354	-0.077
-0.699			-1.675				-0.18	2.89
-0.817	-4.09	-0.168	-1.867	1.593			-3.08	1.025
-0.926		0.136	0.763	9.747	-2.393			4.437
-0.883		0.049						0.191
-0.674		0.191						-1.792
-0.757		0.186			-0.304			-0.264
-0.757		0.267	0.792		-1.341			0.118
-0.76		0.152	-0.205					-0.394
-0.78	-9.996		-5.341	8.227	-3.681		-4.329	6.106
-0.771		0.099	-0.355		0.351			-0.656
-0.783			0.806		-0.625			-1.095
-0.735			4.131		-5.346			1.161
-0.595		0.403	-5.644		5.073		-1.327	2.077
-0.701	-3.939	0.335	3.14	1.614	-7.651			
-0.95	11.313	-0.074	-6.984	8.785	18.41			-0.055
-0.866			0.166	7.932	-1.75			2.244
-0.753			-9.439	10.408	7.313		-1.784	7.757
-0.813	2.399	-0.123	-4.792		8.268		-1.773	0.933
-0.699	2.19	0.625	-6.236	6.453	6.821			1.711
-0.878		0.17						0.309
-0.681			-7.045	4.75	6.763		-1.594	2.233
-0.695		0.533	-3.312	5.294	2.003			1.255
-0.694		0.74	-1.772				0.319	1.527
-0.941		0.127	0.683	7.73			-0.985	0.618
-0.709	-2.822	0.576			-3.919			0.917
-0.711		0.504	2.098		-3.245			0.634
-0.631			-7.67		6.592		-1.704	4.475
-0.709		0.253				0.93	-0.352	-2.681
-0.644		0.576	-3.659		1.397			3.663
-0.792	2.822	0.92	-9.309	12.645	8.649			6.654
-0.839		0.76	-2.001	10.706	-0.569			4.618
-0.842		0.724	-2.5	10.675				4.576
-0.676	0.902	0.571					-0.222	0.871
-0.652	-0.635	0.569	-2.851					3.63
-0.676	1.096	0.59						0.841
-0.702	-0.736	0.532	-1.925	4.983				1.046
-0.806	-3.909	-0.255	-1.308				-3.092	0.199
-0.656		0.658	-2.092				-0.299	3.904
-0.693	0.239	0.158	-0.382	1.619				
-0.686	0.068		-5.561		4.245			1.466
-0.86		0.57	-4.114	10.387	2.038			4.139
-0.729	-0.574						-0.435	-2.211
-0.741					-0.424		0.341	-1.519
-0.675		0.44					-0.885	0.202
-0.633	0.948	0.526	-4.147	1.622	3.647			1.399

-0.637		0.516	-7.504		6.402		-1.312	3.327
-0.948	27.962	-0.594	-5.896	1.601	34.539		3.679	-8.553
-0.868		-0.579	0.308	1.606	0.386			0.446
-0.851			-2.712	9.327			-0.14	5.868
-0.645	-5.452	0.143	-4.267	3.083			-3.228	2.425
-0.661	1.411	0.656	-6.387	1.609	5.661			3.044
-0.705		0.611	-1.122	4.94			-0.097	1.009
-0.629		0.529	-6.808	1.624	5.108		-1.457	5.383
-0.678	-2.349	0.551			-4.27			3.153
-0.631	-3.238	0.186	-2.441	1.627			-1.76	
-0.937		-0.818	1.156	3.477	0.671			-1.613
-1.226		0.234				0.986		-0.1
-0.714		0.523	2.607	1.606	-4.449			2.639
-0.904	0.17	0.409	-0.867	9.075				2.112
-0.708					-1.061		-0.158	1.401
-0.877			1.09	9.034	-3.508			4.621
-0.846		0.225	-5.895	9.21	5.851		-1.955	3.755
-0.691		0.481	1.182	1.616	-2.674		0.88	
-0.937	28.686	-0.685	-5.409		35.123		3.784	-9.542
-0.914		-0.877	0.753		0.678			-0.486
-0.676	-6.775	0.132	-1.112	1.613	-4.092		-2.52	
-0.715	-9.374	0.197	-4.239	1.599	-3.965		-4.033	4.555
-0.619	0.61	0.502	-3.706		2.898			1.334
-0.796		0.731	-1.227	11.254	-1.89			6.239
-0.908			-2.14	8.211	1.451			1.56
-0.706	-1.087		-3.473	1.62	0.363			3.48
-0.575	-24.466	-0.749	7.127	-5.665	-25.081		-8.442	2.223
-0.748		0.463	3.994	4.769	-4.87			0.159
-0.824	0.83		-7.977	9.229	6.44			4.259
-0.837		0.25	0.411	6.255	-0.774			0.065
-0.871			-1.906	7.808			0.638	1.806
-0.708		0.699			-1.206		0.394	0.056
-0.748	-6.463	0.295	3.138	1.598	-9.546		-0.643	
-0.698		-0.091	-0.213	1.614			-0.476	
-0.732	-15.255	-0.209	9.247	1.613	-21.595		-3.429	
-0.63		0.382	-3.196	1.626	2.859		-0.602	
-0.794	1.593	0.872	-7.093	13.136	4.776			8.095
-0.88	-4.909	0.214	-4.359	9.117			-3.048	4.767
-0.698	-0.131						-0.813	-0.099
-0.647	1.179	0.614	-5.937		5.18			2.514
-0.685	1.657	0.491	-0.261	1.616			1.31	
-0.724	0.24		-4.345	4.978	3.369			1.241
-0.711	-6.508	0.222	-4.047	4.423	-1.261		-3.153	2.299
-0.699		0.485	3.274		-4.885			1.997
-0.648	-0.437	0.429	-1.752	1.621	0.499			
-0.614		0.496	-6.553		5.037		-1.441	4.836
-0.675		0.654			-1.697		-0.084	2.552
-0.7	-10.179	0.132	-3.677		-4.951		-4.251	4.101

-0.665		0.45	-5.871	5.097	5.33		-1.318	2.101
-0.82	-5.276	0.542	-7.286	10.844	1.147		-2.939	7.196
-0.685	-1.21		-3.061		0.018			2.945
-0.704	0.573	0.612					0.175	-1.005
-0.77		0.288	0.593	1.593	-1.197			0.294
-0.657	0.227	0.616	-4.114	1.616	1.873			4.204
-0.853		-0.02						0.245
-0.938		-0.174	-1.916	9.189	0.926			4.005
-1.226		0.154				1.119		-0.053
-0.839	-0.577		-5.513	10.038	1.895			6.372
-1.005	25.333	-0.229	-7.948	8.55	32.526		3.308	-4.542
-0.676	-13.147	-0.198	4.306	1.622	-14.133		-4.146	
-0.76		0.202	1.085		-1.334			-0.485
-0.686	1.766	0.586	-5.226	5.831	5.472			1.572
-0.644	0.001	0.576	-3.661		1.399			3.663
-0.676	0.876	0.567					-0.231	0.823
-0.842		0.74	-2.035	10.639	-0.471			4.524
-1.671			21.796		-23.514	2.587		
-1.581			23.015		-23.67	2.514		-2.627
-1.784			21.494		-26.479	3.485	3.109	
-1.356		1.225	24.168		-27.58	2.607		
-1.693			23.695		-25.916	2.797		
-1.771	19.475		17.799			1.866		-1.375
-1.347		1.135	24.802		-27.629	2.613		-1.261
-1.727		-0.13	22.657		-24.468	2.711		
-1.66	-1.141		21.865		-24.682	2.611		
-1.676			21.594		-23.393	2.588		0.205
-1.265		1.375	19.899		-23.501	2.574		
-1.828	24.578		23.941			2.047		-5.212
-1.652			23.84		-27.042	3.339	2.9	-3.9
-1.676	6.848		23.279		-17.441	2.415		-2.452
-1.647	15.114		16.169			1.117	-2.978	
-1.341		1.052	24.647		-25.667	2.127	-2.512	
-1.865	21.864		19.893			2.1		-1.452
-1.603			24.546		-25.617	2.691		-2.584
-1.557	10.121		8.453			1.735		
-1.578	17.583	0.461	16.142			1.563		-1.132
-1.705	16.031		14.065			1.784		
-1.577		0.015	22.926		-23.578	2.503		-2.612
-1.511			16.783		-17.362	2.06		-1.917
-1.469		0.816	24.23		-27.203	2.678		
-1.462	15.521		18.946				-4.642	
-1.508	18.271	0.915	15.417			1.788		
-1.416	10.578	0.609	9.06			1.469		
-1.782			22.467		-27.627	3.638	3.648	-1.006
-1.766	-2.975		21.713		-29.784	3.616	3.312	
-1.781	-14.091		20.272		-42.216	4.736	6.298	
-1.784			22.525		-27.234	3.454	2.625	

-1.392	3.055	1.197	23.809	-24.173	2.524		
-1.648	28.948	0.999	21.086		3.523	8.717	-8.738
-1.733		0.073	20.619	-25.612	3.398	3.201	
-1.679	12.882		18.659	-6.99	1.931		-1.766
-1.332		1.311	22.982	-27.301	2.749	0.981	
-1.354		1.284	23.542	-27.277	2.601		0.67
-1.616	-21.507		16.814	-41.422	3.136		5.405
-1.359	7.571	1.302	19.69	-15.705	2.36		
-1.428	6.023	1.071	24.427	-21.253	2.453		-1.212
-1.832	19.464		17.092		2.062		
-1.23		1.625	21.719	-25.682	2.586		
-1.687	-2.544		24.417	-29.171	2.914		
-1.737			23.798	-26.361	2.885		0.602
-1.436			15.181	-12.508	1.037	-3.893	
-1.653	22.161	0.369	21.589		1.765		-4.473
-1.518	14.848	0.522	13.164		1.484		
-1.792	8.77		24.404	-20.103	3.466	3.839	-4.087
-1.374					1.263		
-1.541	20.478	0.884	14.152		2.625	5.592	-2.98
-1.786	19.935		17.773		1.995	0.529	-1.573
-1.783	19.78		18.022		1.896		-1.357
-1.389		0.939	24.895	-27.379	2.63		-1.527
-1.344		1.21	24.307	-28.106	2.85	1.18	-1.686
-1.527			23.005	-20.984	1.559	-4.617	
-1.519			13.247	-14.498	1.965		
-1.833			13.477	-22.186	4.207	7.872	
-1.92	27.972		24.977		2.755	2.765	-6.921
-1.653	15.859		16.696		1.238	-2.872	
-1.716	-2.22	-0.163	22.987	-26.953	2.786		
-1.462			17.457	-14.63	1.205	-4.246	
-1.657	-4.2		20.963	-27.166	2.686		1.119
-1.74		-0.14	22.417	-24.366	2.726		0.33
-1.917	-29.083	-0.808	21.324	-54.552	4.056		7.42
-1.703	19.074		23.041	-4.348	1.985		-4.923
-1.521	13.835	0.353	14.323		1.089	-2.207	
-1.341			19.49	-14.243		-5.915	
-1.818	23.831		22.877		2.061		-4.29
-1.48	13.665		18.264			-6.045	
-1.544	10.84		9.109		1.794		
-1.758	23.307		22.892		1.924		-5.142
-1.774	18.644		18.862		1.427	-2.851	
-1.602		0.246	22.696	-26.686	3.425	3.834	-4.074
-1.555			20.357	-21.739	2.436		-1.906
-1.752			18.53	-25.485	4.401	8.557	-6.205
-1.44		0.358	16.206	-16.78	1.919		-1.734
-1.697	14.716		12.169		2.058		
-1.697	6.396		24.562	-19.496	2.579		-2.436
-1.599	19.947	0.674	17.661		1.75		-0.762

-1.476	12.817		16.997			-5.879	0.871
-1.538	12.207	0.432	17.431	-6.321	1.685		-1.528
-1.665	-30.524		19.422	-54.81	3.843		8.021
-1.593	11.585		16.373	-3.188	1.059	-3.356	
-1.408	5.117	1.038	24.056	-20.293	2.064	-2.21	
-1.681	19.474	0.316	17.798		1.789		-1.24
-1.651			23.868	-27.054	3.334	2.869	-3.885
-1.319	8.581	1.619	21.869	-17.301	2.326		
-1.649	6.951	0.075	22.794	-16.838	2.345		-2.375
-1.668	15.65		16.048		1.261	-2.346	
-1.884	23.205		19.554		2.523	1.881	-2.134
-1.383			5.752	-6.867	1.742		
-1.747	-17.044		18.477	-41.996	4.152	3.91	3.119
-1.547			23.989	-21.796	1.659	-4.812	
-1.791	20.026		18.589		1.918		-1.583
-1.593	15.194		9.08	4.283	1.631		
-1.313		1.201	24.709	-26.223	2.187	-2.166	
-1.647	11.069		14.389	-5.058	1.836		
-1.355					1.345		
-1.799	-9.493		18.372	-35.467	4.433	6.415	
-1.483	-20.875		19.237	-41.094	3.041		
-1.485	19.514	1.102	16.452		1.718		
-1.428	10.553		19.684	-4.982		-5.227	
-1.556	18.856	0.785	16.199		1.743		
-1.405	15.101	0.266	18.113			-4.149	
-1.48		0.858	22.368	-27.112	3.048	1.967	
-1.757	17.477		15.179		1.916		
-1.497			17.858	-18.105	2.094		-2.857
-1.449	13.801		17.408			-4.565	
-1.586			17.785	-19.987	2.429		
-1.43		0.428	13.073	-14.232	1.801		
-1.493			16.958	-16.623	1.793	-1.043	-1.516
-1.563	18.793	0.745	16.982		1.605	-0.983	
-1.443	8.772	1.24	22.655	-19.434	3.013	3.343	-2.401
-1.465	15.977		19.438			-4.703	
-1.917	21.342		10.634		4.447	13.457	-7.41
-1.619	24.517	0.981	21.802	-4.902	3.596	8.648	-8.765
-1.437	11.073	0.552	9.474		1.552		
-1.452	14.698	0.61	9.601	3.441	1.393		
-1.602	29.878	1.151	21.793		3.589	9.584	-10.304
-1.474		0.865	23.584	-26.921	2.683		0.755
-1.729	12.039		21.197	-10.939	2.256		-1.773
-1.861			17.362	-26.235	4.649	9.159	-3.116
-1.659	10.684	0.525	21.238	-16.924	3.56	6.074	-4.437
-1.697	-14.257		23.057	-41.048	3.387		3.927
-1.636	17.168	0.348	15.177		1.734		
-1.469	0.23	0.824	24.202	-26.957	2.67		
-1.67	29.49	0.925	21.294		3.707	9.906	-10.163

-1.341			21.477	-15.844		-6.362	
-1.759	-3.397		22.889	-31.071	3.591	2.782	
-1.746	-12.573	0.151	19.299	-39.866	4.624	6.464	
-1.742		0.126	21.866	-27.302	3.648	4.077	-1.247
-1.384	3.216	1.297	22.855	-24.126	2.721	1.088	
-1.528	15.488	0.852	15.809	-6.364	2.784	5.618	-3.418
-1.775	-1.265		22.267	-28.687	3.647	3.573	-0.703
-1.755			22.278	-27.208	3.54	3.348	-0.881
-1.736	-3.101	0.024	21.236	-29.358	3.554	3.288	
-1.687	8.868		23.234	-13.157	1.597	-4.129	
-1.697	13.412		18.642	-7.073	2.1	0.692	-2.03
-1.369	2.365	1.21	23.332	-24.416	2.503		0.19
-1.473			15.318	-14.117	1.393	-2.426	
-1.771	17.842		15.881		1.91		
-1.332		1.314	22.868	-27.106	2.701	0.735	0.333
-1.844	27.768		23.524		3.112	6.016	-9.819
-1.848	22.555		15.722		3.324	7.485	-4.867
-1.606	21.8	0.777	15.265		2.793	5.648	-3.072
-1.58	8.261		17.96	-7.679	1.208	-3.803	
-1.634		0.772	11.367	-22.183	4.401	9.257	
-1.347		0.498	6.823	-7.957	1.678		
-1.35					1.233		
-1.44	5.839	1.012	24.486	-21.394	2.466		-1.296
-1.816	19.187		17.358		1.932	-0.517	
-1.914	10.569		17.086	-16.451	4.909	12.294	-7.676
-1.597	17.51	0.367	21.706	-4.581	1.803		-4.377
-1.35			16.704	-11.214		-6.668	0.851
-1.496	10.865	0.504	13.732	-4.408	1.569		
-1.835	11.136		22.627	-17.427	3.784	6.164	-5.118
-1.433			7.226	-8.541	1.981		
-1.411		0.149	14.462	-12.163	1.072	-3.496	
-1.567	21.826	0.981	15.391		2.658	5.11	-2.609
-1.664	23.066	0.497	21.894		1.859		-3.87
-1.801	-15.092	-0.474	21.709	-39.791	3.361		3.876
-1.381					1.306		
-1.418		0.93	24.164	-28.127	3.068	2.072	-2.464
-1.357		0.105			1.24		
-1.381					1.321		-0.096
-1.941		-0.467	14.259	-22.206	4.197	7.41	
-1.364					1.212	0.072	
-1.339			18.095	-12.384		-6.528	
-1.364	-0.074				1.206		
-1.366				0.069	1.208		
-1.368			0.061		1.213		
-1.657	22.173	0.363	21.574		1.772		-4.418
-1.515	14.849	0.544	12.927		1.527	0.246	
-1.56		0.888	15.66	-25.393	4.666	10.182	-5.428
-1.915	27.362		23.933		2.789	2.838	-5.918

-1.532			22.671	-21.487	1.78	-3.409	-0.582
-1.541			22.609	-21.282	1.706	-3.851	
-1.837	23.188		24.685	-4.206	2.731	2.691	-6.753
-1.592	15.106	0.228	15.616		1.215	-2.428	
-1.785	19.907		17.736		1.996	0.554	-1.585
-1.769	18.312		18.664		1.449	-2.871	
-1.49		-0.115	18.205	-15.094	1.202	-4.572	
-1.821			11.201	-23.648	5.112	10.665	
-1.469			9.859	-11.876	2.205		
-1.928	-30.776	-0.901	21.528	-55.95	3.976	-0.721	8.078
-1.843	-29.42	-0.627	20.784	-54.498	3.984		7.528
-1.339			21.706	-16.338		-6.289	
-1.687	14.313		11.894		2.076		
-1.802	23.004		22.376		1.973		-4.386
-1.761	19.219		24.17	-5.588	2.138		-4.892
-1.479	14.929		19.73			-5.926	-0.935
-1.509	12.11	0.324	14.663	-1.731	1.068	-2.482	
-1.351		-0.065	19.705	-14.336		-6.053	
-1.91	28.282		20.75		3.938	10.238	-10.42
-1.499	14.581		19.318			-6.426	
-1.441	13.431		17.854			-5.797	
-1.464	12.126		18.498	-1.646		-6.101	
-1.408	13.014	0.143	17.083			-5.357	
-1.582	13.471		9.515	2.102	1.77		
-2.006	26.64		14.748		5.165	16.652	-12.6
-1.336	6.344	1.351	23.441	-19.564	2.119	-1.315	
-1.712	9.571		18.002	-10.903	2.272		
-1.48	13.256		17.508			-6.001	0.904
-1.543			20.767	-21.923	2.433		-2.428
-1.73	18.124		18.483		1.357	-2.913	
-1.606	10.711		16.256	-4.985	1.321	-2.272	
-1.416		0.469	15.327	-17.134	2.186	1.445	-2.178
-1.359			21.873	-15.674		-8.864	1.78
-1.79		-0.158	18.941	-25.595	4.406	8.416	-6.35
-1.438		0.34	16.849	-17.246	1.949		-2.261
-1.436	12.838	0.158	16.666			-5.41	0.761
-1.45	10.324		17.598	-2.802		-6.017	0.75
-1.413	8.667		21.08	-7.787		-5.676	
-1.499	13.483		17.787			-6.401	1.167
-1.654	5.801		24.065	-16.626	1.679	-4.475	
-1.703	15.388		12.073	0.785	2.029		
-1.631	19.908	0.552	17.802		1.776		-0.92
-1.657	-31.779		19.49	-55.945	3.802	-0.398	8.484
-1.473	-16.454		17.16	-34.208	2.671		
-1.975	-9.987	-0.601	20.025	-36.865	4.559	5.984	
-1.446	13.532		17.32			-4.626	
-1.379		-0.155			1.399		
-1.524	-22.364	-0.198	20.296	-43.674	3.206		

-1.4	11.601	0.186	18.96	-3.685		-4.739	
-1.368	0.105				1.432		
-1.365				-0.09	1.42		
-1.358					1.359		
-1.359					1.361		
-1.352			0.027		1.322		
-1.357					1.355	-0.014	
-1.354					1.34		0.008
-2.115	22.641	-0.627	12.494		4.653	13.626	-8.321
-1.349			18.953	-13.134		-6.986	0.733
-1.646		0.815	14.515	-25.573	4.787	10.423	-2.679
-1.412	15.403	0.236	18.481			-4.237	
-1.515	19.263	0.966	16.385		1.721		
-1.412	14.361	0.206	17.556			-4.225	
-1.429	10.782		19.308	-4.422		-5.148	
-1.498	19.488	1.048	16.676		1.684	-0.213	
-1.544	18.788	0.834	15.629		1.829	0.533	
-1.311		0.435	7.204	-8.342	1.725		
-2.024		-0.543	18.73	-26.998	4.767	8.88	-3.183
-1.527	8.913	0.96	22.64	-19.536	3.26	4.292	-3.196
-1.523		0.793	22.806	-27.716	3.176	2.272	-0.264
-1.491	-0.561	0.83	22.434	-27.737	3.089	1.993	
-1.485			17.881	-17.44	1.88	-0.827	-2.434
-1.481	14.175	1.149	22.22	-14.253	3.195	5.228	-4.777
-1.51	-8.253	0.649	23.127	-35.163	3.01		2.597
-1.43		0.368	13.71	-14.172	1.658	-0.703	
-1.441		1.006	9.63	-17.19	3.581	7.699	-3.667
-1.458	13.851	0.567	9.75	2.424	1.479		
-1.382		-0.253	22.746	-16.561		-6.991	
-1.713	10.826		22.113	-12.09	2.052	-1.297	-1.28
-1.626	22.81	0.923	21.799	-6.457	3.599	8.336	-8.244
-1.528	29.489	1.312	21.654		3.408	8.948	-9.825
-1.311			21.98	-15.811		-7.658	
-1.622	17.214	0.434	14.191		1.926	1.066	
-1.339			20.405	-14.544		-6.673	
-1.981	42.475		22.11	13.23	3.75	11.393	-14.904
-1.644	-19.262		22.822	-45.089	3.205	-1.464	5.683
-1.834	-16.046	-1.171	20.191	-36.248	3.083		
-1.742			14.818	-25.66	5.294	11.269	-5.889
-1.38	9.181	1.114			3.346	8.596	-2.22
-1.34			22.167	-16.508		-6.474	
-1.547	25.384	1.086	23.633		1.82		-4.502
-1.434			9.507	-11.338	2.172		
-1.687	8.504		22.872	-13.617	1.693	-3.596	
-1.69	22.029	0.513	15.198		3.029	6.628	-3.865
-1.254		0.747		-3.368	1.932	2.502	
-1.369	0.239				1.397		
-1.365				-0.195	1.374		

-1.771	17.732		15.399		1.989	0.439	
-1.569	8.41	0.038	17.695	-7.367	1.202	-3.686	
-2.032	11.657	-0.379	18.042	-15.99	5.015	12.422	-8.221
-1.356					1.269	-0.057	
-1.354			-0.042		1.266		
-1.353					1.244		
-1.352					1.239		-0.01
-1.351		-0.003			1.233		
-1.259			4.389			-6.128	2.551
-1.327		-0.06	16.254	-10.866		-6.511	0.822
-1.321			15.609	-10.517		-6.333	1.196
-1.364					1.223	0.141	
-1.362					1.251	0.181	-0.19
-1.495	10.902	0.52	13.561	-4.38	1.602	0.183	
-1.367			0.164		1.188		
-1.399	3.177				2.101	1.989	
-1.374					1.201		0.355
-1.364			0.227		1.197		-0.192
-1.352	9.04	1.31			2.9	7.891	
-1.37				0.094	1.235		
-1.37	-0.081				1.244		
-1.372		0.048			1.285		
-1.368				0.126	1.24		-0.125
-1.347		0.103			1.192	0.068	
-1.368	-0.107				1.251		-0.115
-1.885			13.961	-27.088	5.602	11.973	-2.061
-1.36		-0.133	18.436	-12.423		-6.88	
-1.365		0.079			1.275		-0.048
-1.351		0.103	0.052		1.198		
-1.354	-0.032	0.096			1.217		
-1.463			7.16	-6.716	1.443		
-1.354		0.099		0.027	1.22		
-1.365			-0.378		1.329	0.34	
-1.363	-0.793			-0.816	1.296		
-1.368				-0.223	1.274	0.233	
-1.364	0.03				1.218	0.095	
-1.364	-0.127		-0.068		1.22		
-1.365			-0.04	0.106	1.212		
-1.608	-9.328		17.941	-33.659	4.434	6.723	-4.774
-1.367	19.189			19.693			
-1.35	1.365				1.625		0.761
-1.561	0.36	0.904	15.545	-25.063	4.684	10.33	-5.459
-1.535			22.631	-21.45	1.769	-3.481	-0.427
-1.851		-1.45	10.664	-9.523	1.91		
-1.379				-2.813	2.113	1.736	
-1.785	-43.597	-0.776	21.889	-67.511	3.562	-4.56	12.75
-1.343				-1.297	1.65		0.722
-1.459	6.822		21.566	-9.208		-8.142	1.539

-1.35	-9.396		3.551	-13.712	1.933		
-1.369	-16.327		14.766	-31.291	2.615		-1.807
-1.333		0.04	21.82	-16.514		-6.246	
-1.424	9.997		20.712	-5.538		-6.857	
-1.432	8.544		19.014	-5.593		-6.351	0.684
-1.452	14.959	0.206	19.243			-6.006	
-1.683	13.797		11.963	-0.597	2.098		
-1.4	9.639		18.859	-4.453		-5.957	
-1.417	15.168	1.552	2.681		4.005	12.465	-3.993
-1.334		0.282	23.238	-17.213		-9.096	2.018
-1.452	14.81	0.107	19.326			-5.602	-0.886
-1.648	9.959		3.869		2.729	6.078	
-1.395		0.988	4.727	-11.48	2.877	5.686	
-1.48	14.815		19.571			-5.95	-0.743
-1.417			21.989	-15.96		-9.481	3.191
-2.118	27.066	-0.374	15.587		5.237	16.538	-12.782
-1.457	13.882	0.09	18.241			-5.765	
-1.45	14.48		19.133			-5.872	-0.727
-1.423	12.816		19.023	-1.482		-5.742	-0.82
-1.492	14.417		19.092			-6.272	
-1.308					1.234	-1.419	1.293
-1.343			21.84	-15.677		-8.495	1.506
-1.397	11.748	0.122	17.358	-1.382		-5.467	
-1.439	13.976	0.277	17.745			-5.992	1.229
-1.281	3.612	0.646			1.963	2.54	
-1.35			16.904	-12.08		-6.694	2.762
-1.372			1.363	-1.424	1.407		
-1.471				-5.874	2.842	4.785	
-1.443			7.564	-6.56	1.453		-1.561
-1.444		0.445	16.543	-18.217	2.295	1.491	-2.868
-1.403	11.477			11.369	0.897		
-1.265			1.03				
-1.407	12.625	0.122	16.431			-5.347	0.767
-1.312		0.616		-4.758	2.4	3.736	
-1.446	12.775		16.884			-5.789	0.886
-1.427	10.947	0.124	17.236	-2.158		-5.626	0.692
-1.37	0.855		0.878		1.331		
-1.331	1.069				1.65		
-1.418	9.275		19.993	-6.207		-5.454	
-1.464	6.668	1.31	8.444	-12.251	4.051	10.732	-4.469
-1.413	8.703	0.004	21.056	-7.74		-5.662	
-1.432				-5.12	2.782	4.435	-1.111
-1.47	4.15				2.405	4.263	-1.561
-1.427		-0.339			1.533		
-1.326				-1.025	1.668		
-1.569	6.199				2.889	5.525	
-1.403		-0.284	20.323	-13.837		-7.785	0.791
-1.343					1.165		0.676

-1.324			-3.116		2.021	2.337	
-1.373	0.704				1.536	0.524	
-1.348	-9.607		5.018	-15.526	2.13		
-1.37				-0.775	1.59	0.533	
-1.459	13.304	-0.075	17.268			-4.76	
-1.37	1.671			1.737	1.286		
-1.398		-0.218			1.475		-0.096
-1.362				-2.911	1.845	2.239	
-1.386	0.074	-0.142			1.456		
-1.384		-0.147		-0.06	1.446		
-1.383		-0.159			1.421	-0.029	
-1.375		-0.155	0.032		1.372		
-1.379		-0.152			1.401		
-1.358	-4.269			-6.718	2.127	1.552	
-1.353			0.698		1.164	-0.524	
-1.681		-1.135	11.551	-9.302	1.75		-3.132
-1.454	3.166				1.94	3.009	
-1.315			2.496			-1.437	
-1.371					1.405		
-1.25				1.01			
-1.371	0.098				1.439		
-1.367	0.123				1.424		0.042
-1.393	11.323	0.211	19.573	-4.553		-4.823	
-1.369	0.119				1.438		
-1.331		0.625		-4.509	2.451	3.619	-0.555
-1.367				-0.079	1.423		
-1.364				-0.116	1.417		0.044
-1.352			0.071		1.307		
-1.365				-0.079	1.416		
-1.354			0.058		1.318		
-1.357					1.353	0.011	
-1.358					1.354	0.012	
-1.36					1.366		-0.007
-1.357					1.353	-0.033	0.028
-1.352			0.035		1.321		-0.008
-1.311			-1.178		1.499		0.871
-1.386		-0.277	21.666	-15.142		-7.439	
-1.514	19.165	0.969	16.043		1.771	0.292	
-1.43		1.18	9.953	-18.558	3.844	8.533	-3.805
-1.316	-6.218			-7.055	1.908		
-1.262	21.125	0.807	10.021	10.347			
-1.309			21.847	-15.825		-7.266	
-1.272		0.549		-3.115	1.99	2.153	
-1.525	4.466	0.877	22.71	-23.609	3.217	3.282	-1.715
-1.387	1.604				1.708	0.988	
-1.405		-0.384	21.402	-15.01		-6.992	
-1.419				-2.571	1.972	2.184	
-1.426	3.016		3.566		1.17		

-1.252			3.468			-5.693	4.071
-1.442		1.004	9.866	-17.415	3.611	7.77	-3.912
-1.252	3.868	1.076			1.709	3.143	
-1.343	7.38	0.982			2.678	6.172	
-1.441	-10.102		13.435	-23.037	2.225		-2.067
-1.317				-0.974	1.73		
-1.497	14.755	1.11	4.386		3.623	11.203	-4.464
-1.213	9.54	0.77	9.313				
-1.38	9.698	1.198			3.173	8.407	
-1.287					1.339	-0.87	
-1.599	22.635	1.061	10.789		4.61	15.724	-12.117
-1.384	9.616	1.191			3.315	8.814	-1.517
-1.301	4.061			5.196			
-1.292		0.11	22.294	-16.304		-7.531	
-1.315	0.967				1.679		
-1.296		0.69		-3.684	2.146	2.668	
-1.305			3.399			-2.244	
-1.221					0.847		
-1.323	-6.505			-7.5	1.79		0.535
-1.4				-2.061	1.915	1.91	-0.616
-1.384	12.005	1.27		1.622	3.526	9.922	-2.66
-1.54	8.834		3.568		2.605	6.541	-3.403
-1.393	8.103	0.934			3.14	7.642	-2.047
-1.395	2.058				1.568		2.621
-1.558			5.935	-13.43	3.704	7.474	-3.291
-2.131	63.71		10.504	37.885	5.682	26.931	-27.244
-1.314		0.558		-2.466	1.791	1.827	
-1.365	0.607				1.461		0.288
-1.389	-12.851		7.379	-20.949	2.124		
-1.373				-1.135	1.625	0.675	
-1.298	1.399	0.395			1.527		0.894
-1.661	17.726		10.386		3.789	11.817	-11.682
-1.381	9.163	1.091			3.36	8.557	-2.194
-1.379	8.988	1.091			3.305	8.376	-2.139
-1.389	21.308		3.295	18.11			
-1.423				-1.324	1.408		3.518
-1.388				-2.024	1.618		2.699
-1.519			6.804	-10.838	2.736	4.778	-2.986
-1.474				-6.042	3.048	4.778	
-1.295			-0.835		1.508		
-1.359				-3.322	2.159	2.421	
-1.231					0.948		
-1.337	5.932	1.06		-1.865	2.792	6.665	
-1.383	7.253	0.957			2.625	6.398	
-1.361				-0.492	1.438		0.23
-1.262	-0.659	0.672		-3.888	1.958	2.35	
-1.29		0.781	0.044	-3.646	2.045	2.645	
-1.378	2.851		3.783		1.121		-0.983

-1.275			4.317			-5.474	2.01
-1.365	0.357				1.431		
-1.391			2.27	-1.711	1.178		-0.669
-1.28	-8.242	0.41	4.162	-13.103	1.747		
-1.452	-8.851			-12.438	2.111		6.99
-1.37	0.24	-0.01			1.399		
-1.415	0.999				1.316		2.968
-1.362				-0.28	1.401		
-1.366		-0.009		-0.196	1.376		
-1.35					1.269	-0.374	0.306
-1.272				2.404		-1.341	
-1.295		0.372		-1.324	1.556		0.847
-1.389			1.452	-1.186	1.166		
-1.275			3.309		0.345	-5.008	2.249
-1.351			0.461		1.141	-0.418	
-1.326	1.268	0.415			1.397	1.061	
-1.446	4.521				2.399	3.26	
-1.354					1.277	-0.1	
-1.421	7.375			3.836	2.044	2.24	
-1.353					1.199		0.172
-1.283	7.702		7.676				
-1.359		-0.022			1.277	-0.064	
-1.298			3.349			-2.44	
-1.353			-0.107		1.279		0.056
-1.375	-12.444		7.458	-20.343	2.126		-0.797
-1.355		-0.008	-0.044		1.268		
-1.354			-0.034		1.263		
-1.357		-0.021			1.251		
-1.353		-0.01			1.244		-0.014
-1.823	52.129			40.734	3.897	19.144	-17.564
-1.382	0.751		1.249		1.127		-0.492
-1.333					0.98	-2.255	3.624
-1.398	3.327				2.166	2.11	
-1.274		-0.102	4.584			-6.365	2.583
-1.304		0.53	21.659	-16.929		-9.041	4.486
-1.381	0.509		0.777		1.136		
-1.368		-0.078	16.512	-11.02		-6.834	1.227
-1.314	-6.185			-6.994	1.804		
-1.27	15.213	0.727	15.18				-1.029
-1.259			4.391			-6.132	2.554
-1.716	4.34	-1.201	5.567		1.419		
-1.365			-0.214		1.289	0.289	
-1.246	-0.909						
-1.365					1.212	0.125	0.068
-1.365		-0.004			1.224	0.142	
-1.362	-3.824		1.418	-5.501	1.506		
-1.356	8.505	1.24	-0.352		2.914	7.675	
-1.326	11.946	0.797		7.352	1.923	3.239	

-1.363			-0.129		1.289	0.266	-0.18
-1.363		-0.007			1.254	0.185	-0.197
-1.368			0.108		1.183		0.152
-1.365		0.043			1.185		0.348
-1.368		-0.007	0.168		1.189		
-1.405	3.385				2.157	2.219	-0.092
-1.657	20.322			12.748	2.982	9.1	-3.889
-1.467			6.251	-6.237	1.434		1.034
-1.376				-0.021	1.206		0.393
-1.375	0.006				1.202		0.366
-1.366	6.005			4.485	1.483		0.88
-1.42			21.29	-15.692		-8.966	3.88
-1.433	3.98				2.408	3.918	-1.286
-1.367		-0.021	0.247		1.198		-0.214
-1.347		0.113	-0.43		1.324	0.373	
-1.369		0.013		0.086	1.235		
-1.371	0.111			0.219	1.224		
-1.368	-0.074	0.015			1.243		
-1.366	-1.157			-1.696	1.444	0.376	
-1.362	18.839			19.422			
-1.35		0.156	0.36	-0.328	1.195		
-1.364		0.028		0.104	1.238		-0.103
-1.364	-0.087	0.032			1.246		-0.092
-1.369	0.149			0.298	1.227		-0.137
-1.355	-0.477	0.078		-0.497	1.27		
-1.346	19.792		8.489	10.718			
-1.351	0.087	0.122	0.139		1.191		
-1.364			-1.911	-1.629	2.137	2.648	
-1.368			-0.337	-0.137	1.355	0.41	
-1.366	0.038		-0.38		1.338	0.372	
-1.354	6.366	0.345	21.481	-10.229		-7.64	1.628
-1.364	18.024			18.881		-0.305	
-1.378				-3.004	2.204	1.89	
-1.347	1.39				1.649		0.79
-1.282	2.794	0.843	-1.587		2.081	3.399	
-1.662	4.91	-1.176	7.249		1.346		-2.614
-1.358	19.037	0.054		19.539			
-1.366	19.397			19.866			
-1.367	19.069			19.624			-0.046
-1.431	17.763	1.656	4.215		4.442	14.261	-6.353
-1.349	14.558		14.723				-1.193
-1.411				-3.858	2.382	2.749	
-1.216					0.72		0.473
-1.618	6.974				3.013	6.917	
-1.495	11.455			6.356	2.335	6.138	-2.661
-1.229	12.758	0.736	12.447				
-1.34				-1.329	1.683		0.756
-1.44	6.357		21.513	-9.61		-7.828	1.292

-1.377					1.073	-0.74	2.632
-1.85		-1.452	10.752	-9.568	1.909		-0.098
-1.202			4.635			-5.188	
-1.419	11.169	0.218	21.49	-5.456		-6.693	
-1.327				-1.987	1.807	0.884	0.337
-1.273		0.256			1.151	-1.407	1.37
-1.352		0.76		-5.439	2.422	3.904	1.324
-1.378		1.282	5.159	-13.726	3.305	7.074	
-1.293					0.956		
-1.399	10.073			10.04	0.988		
-1.378	12.355		13.509				-1.805
-1.423				-4.994	2.813	4.163	-0.907
-1.432	12.624			11.213	1.218	0.926	
-1.429	16.561	0.504	20.572			-6.352	
-1.79	9.992	-0.557	4.8		2.738	5.529	
-1.588	10.44			4.477	2.6	5.751	
-1.424	15.566	1.525	2.868		4.092	12.659	-4.061
-1.418	28.914		14.2	17.093			-6.103
-1.383			-1.04		1.313		2.832
-1.348	-9.949		3.9	-14.407	1.908	-0.191	
-1.395	-16.669	0.045	15.085	-32.005	2.693		-1.835
-1.21				3.221		-4.815	2.72
-1.423	6.473		20.975	-9.095		-7.856	1.386
-1.3	6.468			7.685			
-1.421				-2.84	2.191	2.262	
-1.41	9.309		20.559	-6.116		-6.653	
-1.439		-0.265	18.865	-13.224		-7.772	2.99
-1.514			1.512	-8.149	3.033	5.545	
-1.294	1.065	0.29			1.589		
-1.444		-0.493			1.331		0.998
-1.355	0.932		-2.774		2.127	2.831	
-1.437				-3.015	1.772		5.028
-1.442	8.043	-0.063	19.341	-6.208		-6.582	0.706
-1.43	8.217		18.937	-5.849		-6.373	0.795
-1.365	-3.909		2.855	-7.156	1.705		
-1.453	15.142	0.19	19.495			-5.932	-0.278
-1.443	10.477	-0.003	19.57	-4.176		-6.205	
-1.422	21.28		8.84	13.123			-1.136
-1.338		0.245	23.152	-17.081		-9.039	1.943
-1.316	-9.054	0.33	5.494	-15.445	2.034		
-1.267			1.124				
-1.448	14.069	0.098	19.405	-0.745		-5.663	-0.844
-1.61	-7.298	-0.821	14.745	-20.491	2.22		-3.078
-1.319		0.546		-4.864	2.5	3.789	
-1.374					1.15		1.321
-1.396	-0.204	0.979	4.809	-11.691	2.87	5.616	
-1.253			1.052				
-1.305					1.244	-1.432	1.315

-1.331		0.773		-5.999	2.664	4.976	
-1.318	2.188	0.515			1.396		3.136
-1.404	14.195	0.132	18.475			-5.272	-0.875
-1.342	6.085			4.902	1.492		
-1.314	3.458			5.736		-1.119	
-1.335	6.976			8.586			-0.594
-1.447	14.42		19.054			-5.851	-0.688
-1.292		0.274		-1.017	1.606		
-1.319	3.893	0.653			2.098	2.703	
-1.264			1.176				-0.185
-1.577				-7.867	3.258	5.288	3.289
-1.395	-1.641			-6.104	2.486	3.509	
-1.318	3.897	0.67			2.086	2.704	
-1.29		0.23	-2.988		1.952	2.232	
-1.445	8.697	1.382	9.545	-11.883	4.285	11.925	-6.317
-1.608				-7.194	3.367	7.224	
-1.277	0.353		1.373				
-1.359	-3.361			-6.171	2.263	1.817	
-1.406	11.577			11.162	0.969		0.229
-1.405	12.121			11.828	0.939		
-1.561	5.522				2.556	4.478	1.566
-1.478	7.358	0.525			2.942	6.463	
-1.432	14.18	0.345	17.837			-6.046	1.345
-1.332			-3.056		1.967	2.145	0.255
-1.253		0.087	1.012				
-1.371			1.491	-1.366	1.361	-0.142	
-1.368		0.035	1.435	-1.502	1.4		
-1.372		-0.478	4.298			-2.981	
-1.461		-1.103	6.225			-5.065	
-1.364	-7.879			-9.663	1.794		2.772
-1.34	12.283		12.088				
-1.354		0.613		-4.974	2.52	3.892	
-1.408				-5.406	2.673	4.495	-0.204
-1.267			1.036				
-1.266			1.088	-0.06			
-1.297	-12.924		7.324	-19.69	1.894	-1.306	
-1.405	11.492	-0.009		11.382	0.899		
-1.317	8.264		-2.682	12.171			
-1.327			-2.972		1.977	2.16	
-1.317		0.492		-2.145	1.458		3.191
-1.333	6.051			7.395			
-1.269				1.144			
-1.353		-0.541		3.55		-2.275	
-1.268		0.348	-1.214		1.416		0.997
-1.432		-0.463	0.265		1.403		
-1.467			2.436	-5.563	2.09	2.881	
-1.305			1.738	1.07		-1.707	
-1.37	0.824		0.962		1.304	-0.09	

-1.27			4.391			-4.207	
-1.398		-0.297	1.398		1.096	-1.065	
-1.372	0.83	-0.019	0.854		1.337		
-1.426	2.739				1.649		4.211
-1.331	1.07				1.651		
-1.435	8.699	-0.115	19.988	-6.478		-5.69	
-1.309	21.426	0.562	6.784	14.303			
-1.509	8.564				3.317	8.471	-2.647
-1.474	7.609	1.253	8.099	-10.79	3.971	10.694	-4.508
-1.289				2.782		-2.021	0.504
-1.383	1.333				1.708	0.873	
-1.385	3.288			3.571	1.169		
-1.423	15.06	0.922		6.201	3.023	9.309	-3.069
-1.416	-1.018			-5.558	2.651	3.806	-0.878
-1.308							2.567
-1.273			-0.557		1.403		
-1.304	-0.695		2.187			-1.797	
-1.443		-0.346			1.589		
-1.389				-1.734	1.904	1.441	-0.347
-1.476	4.214				2.365	4.241	-1.193
-1.457	3.509				2.102	2.968	
-1.316			2.603			-1.435	
-1.626	7.947				3.639	9.684	-4.26
-1.337			-1.753		1.466		2.439
-1.271	22.094	0.865	9.629	11.636			
-1.425		-0.369			1.498	0.08	
-1.314			2.725			-1.462	-0.258
-1.427		-0.361		0.05	1.505		
-1.325				-1.028	1.674		
-1.427	-0.002	-0.34			1.532		
-1.372		-0.563	4.513			-3.628	
-1.427	3.811				2.255	4.003	-1.48
-1.321			-2.993		1.995	2.22	
-1.322			-3.098		2.023	2.319	
-1.862	45.899	0.748	10.613	20.672	5.329	22.516	-20.321
-1.409		-0.369	0.316		1.391		-0.316
-1.372	1.285			0.785	1.447	0.413	
-1.426	-6.671		7.696	-18.358	2.928	3.924	-2.317
-1.362	0.959	0.1			1.559	0.727	
-1.378	2.804			3.074	1.204		-0.162
-1.374					1.322	0.392	
-1.384	1.444	-0.11		1.512	1.322		
-1.505				-4.196	2.225	2.315	3.598
-1.367			0.336		1.246		
-1.271					0.831		
-1.371				-0.92	1.636	0.602	
-1.238					1.157		-0.987
-1.362		0.073		-1.028	1.636	0.718	

-1.255	4.017	0.987			1.841	3.209	
-1.284	-5.405	0.368		-6.474	1.67		0.692
-1.251				0.926			0.131
-1.398		-0.243			1.466	0.059	-0.143
-1.195	-3.424					-4.852	2.67
-1.4		-0.213			1.487		-0.102
-1.278				2.936		-1.989	
-1.398	0.024	-0.206			1.483		-0.083
-1.398		-0.229		0.021	1.468		-0.107
-1.389	0.117	-0.152			1.477		
-1.455	3.348		0.435		1.846	2.873	
-1.354			0.718		1.155	-0.509	
-1.247			3.21			-5.812	5.041
-1.385		-0.152		-0.077	1.455		
-1.459		-1.16	5.295			-3.408	
-1.375		-0.148	0.043		1.368		
-1.384		-0.161			1.423	-0.032	
-1.238				2.206		-4.669	5.092
-1.352			0.746		1.151	-0.571	
-1.353			0.696		1.164	-0.525	0.003
-1.259		-0.069		1.033			
-1.309		0.04	2.47			-1.419	
-1.249				0.991			
-1.454	3.016			-0.186	1.96	3.02	
-1.343		0.5		-3.771	2.275	3.072	-0.527
-1.366	0.315				1.467		0.148
-1.319	-11.214	0.364	7.255	-19.134	1.908		
-1.248	19.671	0.754	12.001	7.191			-0.44
-1.288		0.577		-4.163	2.326	3.324	-0.457
-1.25				1.01			
-1.394	8.568	0.991			3.04	7.198	
-1.338		0.692		-5.181	2.632	4.394	-0.854
-1.403	-8.766		5.98	-17.631	2.437	2.095	
-1.359			0.252		1.285		-0.163
-1.37				0.042	1.385		
-1.259						0.764	
-1.372	0.033				1.42		
-1.363				-0.2	1.438		0.091
-1.362					1.361	0.194	-0.171
-1.316	-6.02			-7.114	1.855		0.623
-1.301	8.167	0.484		6.553	1.284		1.089
-1.405		0.635		-6.481	2.645	4.098	3.284
-1.377	15.31	1.159		6.153	3.062	8.366	-1.965
-1.255	-2.482					-5.16	5.729
-1.392	1.302				1.435		1.882
-1.399	7.219	1.009		-1.783	3.202	7.657	
-1.308			-1.191		1.513		0.89
-1.336	11.02	1.002		3.766	2.506	5.976	

-1.299			3.637			-2.594	
-1.317	-3.909			-4.808	1.852		
-1.398	-7.579		5.288	-13.117	1.72		
-1.269	20.627	0.796	11.029	8.881			
-1.315		0.536		-3.414	2.153	2.336	
-1.375		-0.211	22.147	-15.646		-7.563	
-1.263	-3.084					-2.702	0.962
-1.267	-1.137						
-1.324		0.461		-2.765	1.967	1.879	
-1.322	-6.415	-0.063		-7.247	1.922		
-1.315	-6.131			-6.979	1.921		
-1.404	20.217		5.661	14.762			
-1.428	2.631		2.666		1.187		1.164
-1.393	-6.4		5.552	-11.757	1.656		-0.913
-1.393	9.874	1.159			3.354	8.85	-0.971
-1.292			3.671			-5.697	3.874
-1.265			1.499		0.975	-2.328	
-1.298			2.93		0.233	-5.29	4.088
-1.286	4.542	0.181		5.633			
-1.404		1.187	9.619	-18.073	3.752	8.328	-3.573
-1.289						-2.599	6.209
-1.196		0.214			0.803		
-1.264		0.177			1.287	-0.843	
-1.385				-1.243	1.459		1.855
-1.203	11.166	0.869	10.696				
-1.499		-1.297	6.14			-3.747	-1.08
-1.32				-0.96	1.699		
-1.183	-42.049		21.761	-56.493		-16.294	16.883
-1.422				-2.599	1.951	2.161	0.191
-1.379	8.162	1.032			2.939	6.988	-0.403
-1.291					0.845	-2.635	4.84
-1.415				-2.495	1.96	2.082	
-1.399	8.435	0.994			3.08	7.754	-1.26
-1.327		-0.082		-0.976	1.744		
-1.376	7.644	0.983			2.791	6.376	
-1.342	9.182			10.658			
-1.361	9.566		10.04				
-1.245		0.065	3.303			-5.553	4.153
-1.439	-4.124			-6.495	1.736		5.159
-1.264					0.715		0.431
-1.319	0.956				1.648		
-1.264		0.251	-0.827		1.451		
-1.385	12.744		14.272				-2.073
-1.305	-10.611	0.358	6.902	-17.993	1.892		-0.554
-1.426		-1.179		5.03		-3.487	
-1.29					1.331	-0.872	
-1.312			2.417		0.604	-3.246	1.246
-1.187	8.868	0.752	8.682				

-1.379	9.876	1.216	0.108		3.175	8.483	
-1.339	9.573			11.283			-0.614
-1.508		-0.365		-1.252	1.521		3.631
-1.477			8.033	-11.501	2.721	4.786	-4.373
-1.328	0.924	0.246			1.465		0.555
-1.529	5.155		5.195	-4.935	2.69	5.986	-3.34
-1.306			3.401			-2.204	
-1.324	0.97	-0.082			1.693		
-1.385	10.384	1.225		0.481	3.374	9.172	-1.761
-1.364	7.142	0.779			2.921	6.729	-1.785
-1.375	15.848		18.218				-5.218
-1.289				2.5		-1.32	
-1.256		0.713	0.562	-3.916	1.999	2.439	
-1.211							0.853
-1.26	-4.402	0.574	2.222	-8.659	1.859	1.233	
-1.265		0.525	-2.703		1.747	1.659	0.596
-1.3	-0.496	0.644		-4.075	2.16	2.559	
-1.281	-2.366		-3.445		1.434		1.125
-1.223					0.841		
-1.306	0.124		3.489			-2.211	
-1.245					1.082	-0.213	
-1.305			3.492	-0.1		-2.238	
-1.305			3.408			-2.235	-0.025
-1.284	5.401		5.736				
-1.515	0.956	-0.429			1.456		3.181
-1.321		-0.274	4.792			-5.732	1.791
-1.362			-0.934	-2.609	2.233	2.585	
-1.431				-1.802	1.511		3.999
-1.385	11.896	1.248		1.567	3.53	9.849	-2.627
-1.4				-2.069	1.917	1.922	-0.622
-1.374	8.176	0.941			3.117	7.983	-2.29
-1.353					1.083	-1.213	2.15
-1.24		0.31			0.807	-2.1	3.623
-1.488	5.907				2.773	4.52	
-1.325	2.058		3.831				-1.01
-1.496			6.23	-13.183	3.56	7.221	-3.811
-1.384	20.923		3.178	17.919			
-1.237					0.918		
-1.317	5.854			8.188		-1.096	
-1.461	-16.048			-20.02	2.376		8.421
-1.367	2.43				1.642	0.6	2.164
-1.352	-11.9		6.167	-18.975	1.968		0.728
-1.35	2.798			0.895	1.444		2.426
-1.315	-0.367	0.541		-2.86	1.828	1.821	
-1.426	1.576				1.424		3.516
-1.313		0.569	0.109	-2.541	1.776	1.803	
-1.51	1.431			-5.597	3.258	5.694	
-1.247	-0.765						0.262

-1.391	-7.773	0.246		-11.114	1.946		6.489
-1.298	1.405	0.389			1.534		0.899
-1.331		0.196		-0.755	1.454		0.447
-1.247	-1.618					-0.707	
-1.242		-0.104			0.963		
-1.275			4.345			-5.269	1.836
-1.381	9.061	1.079			3.338	8.44	-2.152
-1.38	6.324	0.992		-1.309	2.788	6.585	
-1.389				-2.049	1.626	0.03	2.683
-1.323	1.613		2.933				
-1.486				-6.443	3.157	5.164	
-1.693	43.919	0.48		32.3	3.835	17.438	-14.144
-1.285	-5.318	0.271		-6.144	1.719		
-1.325	-6.478	0.337	3.293	-10.329	1.673		
-1.351	3.962		5.583				
-1.366	19.841		12.481	7.08			-0.72
-1.2		0.534			0.728		
-1.306	14.005	0.527	14.489				-1.36
-1.296			-0.834		1.503		
-1.385	7.362	0.949	0.304		2.557	6.289	
-1.544	17.152			12.411	2.07	5.239	-2.05
-1.574		-0.816			1.414		2.276
-1.355	0.401	0.068			1.43		
-1.322	2.061				1.315	1.832	
-1.321	1.487	0.485	-0.689		1.642	1.721	
-1.39			2.482	-1.828	1.186		-0.915
-1.756	39.047			29.19	3.533	14.985	-11.817
-1.392		-0.006	2.274	-1.71	1.178		-0.675
-1.334			1.25		0.974	-1.329	
-1.308	-5.829			-6.684	1.849		
-1.274	16.786	0.691	17.217				-2.429
-1.37		-0.171	1.107		1.023	-0.981	
-1.25				3.3		-3.931	1.846
-1.355		0.046		-0.309	1.402		
-1.42	-7.956			-11.667	2.094	0.371	6.476
-1.306	16.177		17.15				-3.469
-1.269				2.417		-1.353	
-1.36			-0.464		1.273		0.892
-1.338		0.063			1.246	-0.445	0.395
-1.295		0.359		-1.336	1.572		0.856
-1.449	7.163			2.753	2.276	3.089	
-1.357	13.061	0.585		9.703	1.586	2.382	
-1.381		0.064	1.512	-1.273	1.162		
-1.243	-0.869						
-1.788	50.262			39.835	3.572	17.29	-15.829
-1.416	6.6			3.035	2.099	2.27	
-1.502		-0.544			1.254	-0.766	3.082
-1.274			3.286		0.356	-4.988	2.252

-1.534		-0.957	1.25		1.278		
-1.277		-0.017	3.395		0.328	-5.102	2.269
-1.444	47.114	0.975	19.578	28.922			-9.428
-1.282	7.854		7.826				
-1.308	-6.51	0.488		-8.475	1.613		3.28
-1.266		0.443	-2.576		1.802	1.76	
-1.258							0.803
-1.415	7.271			3.96	1.977	1.983	0.106
-1.356		-0.017			1.205		0.169
-1.356		-0.011			1.279	-0.097	
-1.349		0.025	-0.136		1.279		0.085
-1.357		-0.016	-0.026		1.264		
-1.369	21.849			22.981			-1.607
-1.386	0.756	-0.03	1.284		1.128		-0.524
-1.355		0.388	21.887	-16.841		-9.182	4.464
-1.382	0.798		1.354		1.128		-0.63
-1.412	3.832				2.303	2.666	-0.219
-1.535		-1.058	3.165		0.898	-2.082	
-1.274		-0.113	4.617			-6.408	2.6
-1.328				-0.453	1.292		
-1.257	-0.944	-0.102					
-1.326	13.395	0.856		8.761	1.833	3.271	
-1.366		0.816		-7.979	3.241	6.849	
-1.685	19.185			10.725	3.327	10.429	-4.59
-1.512	8.744				3.487	8.425	-2.475
-1.377	0.528	0.029	0.784		1.133		
-1.274	-4.097	0.602	21.985	-21.202		-9.895	5.775
-1.27	15.085	0.738	15.05				-1.024
-1.243	7.215			9.543		-4.098	2.599
-1.349		0.408		-2.818	1.584		4.786
-1.25	-0.913						
-1.717	4.599	-1.243	6.149		1.408		-0.667
-1.354	17.373			18.733		-1.066	
-1.553		-0.877			1.576	1.21	
-1.344	4.123		6.335				-1.512
-1.278							2.829
-1.369			-0.389		1.295	0.337	0.305
-1.22			4.671			-5.267	
-1.248		0.737	-1.064		1.196		1.038
-1.362		0.015	-0.233		1.291	0.297	
-1.359	17.325			18.368		-0.388	
-1.321	17.681		9.654	7.574			
-1.529	38.971		16.824	25.037			-8.964
-1.375	-1.527			-1.883	1.32		0.869
-1.361	-4.146		1.614	-5.912	1.495	-0.101	
-1.364		0.001			1.212	0.124	0.07
-1.423	-1.877	-0.971	3.847			-4.223	
-1.349	15.672			17.037		-1.362	0.647

-1.305			-0.399		1.248		
-1.361		0.013	-0.153		1.291	0.276	-0.166
-1.366		0.085		-0.112	1.193		0.547
-1.3							0.681
-1.366	0.061	0.069			1.186		0.463
-1.366		0.019	0.079		1.181		0.204
-1.31		0.273			0.991		
-1.54	18.244	0.344		10.445	2.923	8.923	-3.478
-1.536	-51.426	-1.724	15.914	-57.717		-16.141	17.932
-1.364	5.709			4.191	1.5		0.882
-1.172		0.651					0.956
-1.314	9.306		-2.042	12.62			
-1.352	20.143		8.307	11.227			
-1.363	18.479			19.211			-0.125
-1.293	8.094	0.383		6.88	1.339		
-1.369	0.106	0.013		0.206	1.224		
-1.419	20.426		9.856	11.578			-1.4
-1.343		-0.485	5.345			-5.125	
-1.421		-0.9	2.908	2.351		-3.756	
-1.377	10.152		10.991				
-1.362	18.499			19.143			
-1.257					0.97		
-1.362	18.841	-0.001		19.424			
-1.423	11.201			9.975	1.271	0.845	
-1.27	1.022		2.078				
-1.365	0.066	0.026		0.182	1.232		-0.11
-1.195		0.178			0.663		0.534
-1.27	-2.078		-2.727		1.442		
-1.336	2.614	0.454			1.462		4.147
-1.279		0.459	-1.958		1.329		3.093
-1.252					0.779	0.237	
-1.382	7.347	0.437	22.214	-10.016		-7.987	1.874
-1.204		-0.198	4.784			-5.329	
-1.281	2.945	0.82	-1.467		2.112	3.412	
-1.24	-3.074					-2.353	
-1.218		0.524				-2.559	6.042
-1.436	4.409		-1.85		2.811	5.663	-1.258
-1.372	17.735	-0.06		18.731		-0.423	
-1.303			3.065	-1.811			
-1.375				-2.897	2.17	1.768	0.05
-1.417	2.98		-2.591		2.538	4.588	
-1.446				-4.043	2.632	5.016	-2.24
-1.348	14.8		14.963				-1.2
-1.276	12.611	0.666	12.452				
-1.3			3.773	-2.19			-0.795
-1.36	21.299	0.384	9.964	11.596			-0.884
-1.356	19.064	0.065		19.541			0.022
-1.47	12.3			9.606	1.544	2.241	

-1.516	5.478	-0.674		6.238	1.163		
-1.276				3.082		-2.467	0.763
-1.643	7.741				3.294	8.162	-1.077
-1.307	17.916	0.137		18.315			
-1.223							
-1.352	1.382		-2.442		2.194	2.905	
-1.217					0.718		0.467
-1.454		-0.355	-0.808		1.401		2.595
-1.246						-3.114	7.516
-1.372	-3.476	1.283	6.765	-18.472	3.404	6.589	
-1.431	17.681	1.647	4.162		4.43	14.193	-6.243
-1.657	6.796	-0.161			3.032	6.891	
-1.322			-0.801		1.25		0.665
-1.618	6.973			-0.001	3.013	6.917	
-1.372					1.032	-1.188	3.248
-1.26	13.501	0.755	13.146				
-1.355	-7.566		5.277	-12.052	1.612	-1.149	
-1.32	0.182				1.1		
-1.434		-0.767	2.804		0.872	-1.684	-0.623
-1.245			5.701	-5.319			
-1.45		-0.781	3.806		0.658	-3.174	
-1.196		0.498			0.558		0.624
-1.381			-0.311		1.138	-0.57	2.827
-1.505				-5.212	2.441	2.328	4.371
-1.423	10.071	-0.133		10.032	1.032		
-1.342		0.896		-6.243	2.59	4.461	1.479
-1.369	12.718	0.488	21.531	-4.486		-6.581	
-1.315			-0.562		1.272		
-1.291			1.295				
-1.273		0.253			1.153	-1.409	1.372
-1.348		0.717		-4.987	2.29	3.354	1.61
-1.388			-0.804		1.271		2.659
-1.4	10.218			10.013	1.019		0.125
-1.527		-0.929	1.734		1.332		-1.483
-1.245					0.892		
-1.329						-1.218	5.779
-1.486	13.272	-0.895		15.963			-1.486
-1.318	2.692				1.661	2.209	
-1.484	31.522	-0.099	14.93	19.264			-6.814
-1.4	10.238			10.168	0.991		
-1.547	10.181	0.204		3.769	2.655	6.045	
-1.216				3.222		-4.811	2.691
-1.422	-0.014			-5	2.811	4.154	-0.904
-1.34	-5.452	0.201	3.858	-9.867	1.786		
-1.262			1.141				
-1.257	0.739	0.244	1.701				
-1.429	16.929	0.489	21.047			-6.245	-0.46
-1.286			1.47				-0.456

-1.281		0.431	-3.788		2.087	3.002	
-1.264				1.265			
-1.28			0.752				0.944
-1.396		0.214		-3.586	2.325	2.813	
-1.344	2.404	-0.281		5.319		-1.675	
-1.205		0.048		3.146		-4.723	2.7
-1.297	6.497	0.034		7.703			
-1.473	7.703				3.304	7.932	-3.71
-1.257			1.126				
-1.259			1.766	-0.724			
-1.295	1.057	0.31			1.569		
-1.439	0.889	-0.242	18.902	-12.441		-7.636	2.752
-1.535		-0.857		0.974	1.391		
-1.279	-2.345					-1.133	
-1.417	-4.081			-7.939	2.348	2.426	1.33
-1.353			-3.593		1.966	2.251	1.429
-1.775		-0.628		-6.849	3.511	7.452	
-1.347			-2.288		1.515		3.794
-1.364	7.431	-0.213		9.259			-0.804
-1.552				-6.273	2.908	5.574	1.622
-1.418	4.284	-0.836		8.509		-2.694	
-1.247		0.765		-0.865	1.101		0.849
-1.343		-0.339	1.098	2.285		-2.163	
-1.486	5.909	-0.608		6.966	1.106		-0.787
-1.317	5.092	0.538		2.907	1.305		2.943
-1.26		0.284					2.34
-1.255			1.147				-0.126
-1.333	7.901			9.835			-1.396
-1.323			-2.916		1.956	1.956	0.354
-1.274		-0.052	1.153				
-1.528	-0.91	-0.832			1.448		
-1.35	7.21			6.01	1.434		
-1.334		-0.348		3.37		-2.35	0.299
-1.325	5.193			7.183		-0.605	-0.297
-1.373	11.33	0.189		10.676	0.988		0.43
-1.453	18.613	0.859		10.277	2.801	8.47	-2.638
-1.252		0.012	1.049				
-1.285				1.319			
-1.289		0.286	-3.033		1.929	2.281	
-1.363		0.77		-6.145	2.752	5.09	
-1.332	7.627		-0.877	10.025			-0.447
-1.248		0.631	-0.666		1.235		
-1.278	-9.604	0.282	5.821	-15.883	1.902	-0.338	
-1.32	4.134			6.231		-0.884	
-1.281				0.447			1.57
-1.503	6.477	0.34			2.698	5.427	1.007
-1.316	4.736		-0.733	7.53		-0.881	
-1.31	2.37	0.566			1.408		3.35

-1.341	12.915		12.705				
-1.337		-0.409		3.573		-2.414	
-1.408	10.181	-0.582		11.995			
-1.269		-0.037	1.213				-0.222
-1.258	-2.174					-5.371	7.029
-1.292		0.288		-1.01	1.591		
-1.329	3.407	0.551			2.018	2.363	
-1.339	-1.563	-0.325	2.014			-2.391	
-1.385	12.21	0.111		11.853	0.933		
-1.215		0.573					0.844
-1.327			2.362			-2.3	2.909
-1.252		0.164	1.476	-0.495			
-1.406	11.462			11.025	0.974		0.275
-1.256		0.121	1.028				
-1.43		-0.923	6.021			-5.446	0.529
-1.327	7.586		-1.554	10.442			
-1.327	20.593	0.507	8.063	12.315			
-1.279				1.377			-0.229
-1.307				-0.376	1.127		
-1.325	-3.224	-0.664				-2.081	
-1.32			-2.858		1.973	2.04	
-1.491	8.074				2.991	7.105	
-1.228	-3.426					-4.104	1.983
-1.458	-3.385		3.98	-10.127	2.175	2.376	
-1.505		-0.673			1.706	1.494	-1.565
-1.479		-1.187	6.225			-4.884	
-1.274			4.322			-3.939	
-1.372		-0.006	1.493	-1.346	1.356	-0.159	
-1.301				2.424		-1.901	1.228
-1.298		0.613		-2.594	1.503		3.761
-1.267			0.84	0.217			
-1.241	-1.66	0.471	-2.813		1.336		1.22
-1.28			-0.559		1.374		
-1.325	8.548	-0.074	-2.991	12.792			
-1.285					1.094		-0.839
-1.349		-0.255	3.125			-1.6	-0.522
-1.265		0.046		1.139			
-1.301			3.297			-5.278	4.656
-1.229				1.891		-4.738	6.132
-1.341	6.074	-0.062		7.454			
-1.289	-0.237						2.028
-1.162		0.431					0.936
-1.22						0.691	
-1.299	21.888	0.676	7.631	13.739			
-1.258	22.895	0.722	14.56	8.434			-2.359
-1.237					0.747		0.518
-1.353		-0.542		3.55		-2.276	
-1.313				-0.533	1.099		0.5

-1.268		0.348	-1.213		1.415		0.997
-1.289		-0.138	-0.575		1.438		
-1.3			1.172	1.642		-1.834	0.182
-1.455	3.684				1.92	1.07	3.691
-1.342		-0.173	2.776			-1.509	
-1.386	0.449	-0.158	1.215		1.204	-0.577	
-1.304			1.689	1.128		-1.722	
-1.32						-0.174	2.939
-1.267				3.131		-2.209	
-1.251	15.59			14.777			1.123
-1.247		0.667		-0.578	1.162		
-1.403	18.526		6.988	12.032			
-1.279	21.847	0.837	11.305	9.865			-0.307
-1.297							2.467
-1.29	-2.513					-2.458	2.112
-1.222	-18.513			-15.609		-7.06	10.977
-1.404	5.238				2.062	4.771	
-1.325			6.809	-5.293			
-1.308	-0.477		2.323			-1.683	
-1.284	-5.202	0.312		-6.334	1.736		0.733
-1.303	-0.781		2.116			-1.838	0.037
-1.373		0.144		-2.266	2.005	1.838	-0.361
-1.468	3.911				2.254	3.652	-0.642
-1.249	-3.306					-3.069	1.196
-1.58	8.231	0.217			3.603	9.638	-3.988
-1.317			2.547			-1.423	0.111
-1.274		0.641	-3.478		1.664	1.683	2.708
-1.306	-10.276	0.44	5.57	-17.011	1.791		1.405
-1.301	-2.137					-3.02	4.66
-1.225							
-1.273				2.501		-4.463	4.542
-1.236		0.223		1.94		-4.555	5.466
-1.26				3.206		-2.508	
-1.274			-4.418	3.328	1.258		1.294
-1.218		0.162			1.095		-0.894
-1.227	-25.873		8.127	-29.521		-8.256	10.53
-1.241	20.882	0.844	9.018	11.101			
-1.53		-1.262	5.153			-3.693	1.319
-1.264						0.594	0.25
-1.248					1.176		-1.117
-1.48	-7.058		7.783	-19.126	3.049	4.048	-2.055
-1.321			-3.005		2	2.231	
-1.47	5.592	-0.817	8.942				-2.718
-1.311				1.983		-2.456	3.876
-1.183	17.375	0.702		16.253			1.398
-1.268							
-1.367	1.265	0.055		0.571	1.484	0.554	
-1.281	0.102				0.906		

-1.473		-1.138	6.742	-1.625		-3.13	
-1.471		0.184		-4.664	2.291	2.677	3.511
-1.263	-1.256						
-1.392		-0.895		4.845		-3.698	0.477
-1.382			-0.412		1.425	0.823	
-1.267					0.808	0.043	
-1.008	-82.172		15.502	-89.565		-21.579	29.54
-1.271						0.844	
-1.319	22.829		15.559	7.939			-3.557
-1.247							0.777
-1.436		-0.447		0.581	1.409		-0.489
-1.26			2.45		0.247	-5.029	4.84
-1.303	-3.775	-0.339				-3.223	0.87
-1.359		0.109		-1.328	1.714	0.893	
-1.469	0.932	-1.126	5.886			-2.987	
-1.247				0.908			0.16
-1.287				2.719		-1.395	
-1.364	-9.377	0.275	6.456	-16.324	1.834		
-1.199	-3.416					-4.837	2.648
-1.246		0.043		0.891			0.163
-1.293	-88.981	-1.297	19.64	-97.586		-24.497	31.088
-1.241		0.137				0.746	
-1.423		-1.07		5.045		-3.349	
-1.297			-0.961		1.399		0.839
-1.195	-3.427	-0.002				-4.856	2.67
-1.412	-0.202	-0.295			1.469		-0.238
-1.296		0.679		-5.347	2.653	4.663	-0.964
-1.336			1.416		0.952	-1.577	0.454
-1.229	1.226			3.327		-4.526	4.919
-1.259		-0.092		1.041			
-1.246		0.017	3.155			-5.747	5.036
-1.256		-0.053		1.02			
-1.302	9.722	0.544		8.089	1.184		1.108
-1.202	-1.866	0.223				-4.32	5.428
-1.338	2.082		4.91			-1.397	
-1.313		0.575		-4.404	2.382	3.961	-0.913
-1.248				0.99			
-1.386	4.175	-0.473	6.075				
-1.3	-2.65		-4.393		1.396		2.969
-1.249							
-1.386	12.453	0.867		5.84	2.351	5.5	
-1.386	10.16	1.003		1.874	2.89	6.902	
-1.262						0.764	
-1.391	8.009	0.935			2.866	6.426	0.654
-1.259						0.754	
-1.192	12.533	1.028	11.784				
-1.377	13.65	1.113		4.978	2.909	7.607	-1.05
-1.28	-1.287						

-1.404	3.321	0.81		-4.362	2.899	5.735	1.89
-1.261	-2.524					-4.874	5.334
-1.373	16.184	1.191		7.143	2.961	8.236	-1.91
-1.41		0.675		-6.952	2.779	4.649	3.042
-1.315			2.43		0.422	-4.087	3.049
-1.245		0.261			0.766	-2.488	4.622
-1.326	-3.936	-0.083		-4.837	1.866		
-1.233	16.616			16.187			
-1.329			5.629	-2.418		-1.849	
-1.2		0.528	6.742	-6.442			
-1.369	-7.436	0.179	5.948	-13.413	1.724		-0.781
-1.318	-3.696			-4.597	1.838		
-1.351	7.642		2.259	6.952			
-1.381	14.718		16.856				-4.049
-1.224						-0.338	1.103
-1.399		-0.998		5.031		-3.635	
-1.397	-7.427		5.39	-12.989	1.711		-0.159
-1.268			1.816		0.882	-2.639	
-1.272	-1.243						-0.101
-1.323	-6.36	-0.094		-7.209	1.952		
-1.331	16.098	0.347	17.713				-4.06
-1.263	-1.131	0.044					
-1.286	0.226				0.865		0.462
-1.516	1.362	-1.299	7.283			-3.184	-1.562
-1.206							1.262
-1.197		0.245			0.781		
-1.266		0.21			1.263	-0.84	
-1.261		0.083	1.071		1.055	-1.898	
-1.404				-1.989	1.713	1.019	1.203
-1.308			6.843	-4.879			-1.298
-1.226	0.342	0.639			0.961		
-1.291						-2.531	6.129
-1.349	8.348		2.313	7.997			-1.008
-1.239		0.142	2.166		0.324	-4.335	3.841
-1.449		-1.121	7.018	-1.419		-3.153	-1.3
-1.258		-0.031	3.581			-5.349	3.475
-1.278	5.115		5.564				
-1.326		-0.052		-0.964	1.713		
-1.314		0.36		-0.583	1.344		
-1.445	-9.525			-12.322	1.963		6.352
-1.318							3.686
-1.252					1.062	-0.234	
-1.191		0.654					
-1.276	-2.082		-3.19		1.467		1.136
-1.342	8.786			10.082			0.447
-1.338	8.505			10.21		-0.273	
-1.389	8.112	0.991			2.963	7.148	-0.706
-1.227	0.574	0.72			0.871		0.794

-1.175	-39.914	0.091	21.784	-54.614		-15.908	16.309
-1.265		-0.171			1.141	-0.268	
-1.332		-0.172	3.114		0.476	-3.877	1.271
-1.325	1.524		4.703			-1.62	-0.564
-1.266		0.279	-0.822		1.427		
-1.3				-0.552	1.424		
-1.234			0.595				
-1.475	-3.13	-0.166		-5.222	1.71		4.83
-1.266					0.723	-0.023	0.443
-1.231	-0.318						0.653
-1.27			-3.19	2.587	1.292		
-1.296				-0.789	1.332		0.673
-1.324	0.959	-0.044			1.658		
-1.365	13.101	0.139	14.386				-1.908
-1.218	-0.543						
-1.313		0.21			0.959	-1.654	2.896
-1.216							0.825
-1.205			0.101				0.786
-1.22	-0.592						
-1.312	2.618		2.059	3.516		-1.762	
-1.336	8.98			10.811		-0.195	-0.518
-1.207				0.061			0.821
-1.307	-4.148	0.57	2.059	-8.328	1.92	1.299	
-1.291			-0.63		1.395		
-1.303			1.662				
-1.313			4.527	-1.11		-2.06	-0.299
-1.5		-0.325		-1.345	1.526		3.704
-1.209	-0.025						0.84
-1.252		0.858	-1.747		1.11		2.968
-1.477	5.439		-1.923		3.019	6.188	
-1.264		0.516	-2.685		1.749	1.635	0.607
-1.225		0.423				-3.076	7.291
-1.214		0.519			0.918		-0.595
-1.164				2.966		-3.194	
-1.237							0.883
-1.336	2.083	-0.079	3.942				-1.099
-1.229	-0.651	0.161					0.369
-1.198		0.46			0.771		
-1.503	1.094	-0.363			1.46		3.274
-1.495	4.354			-1.909	2.934	4.891	
-1.242		-0.058			0.93		
-1.416	4.166			1.417	1.729	0.807	2.083
-1.325	2.095		3.917				-1.126
-1.253	-1.667					-0.75	
-1.301	-4.149	-0.496				-3.236	
-1.238						0.304	0.594
-1.423	-13.351	0.135		-17.066	2.206		7.706
-1.232		0.604	-2.976	1.81	1.204		1.309

-1.244		0.628	-1.117		1.288		1.08
-1.24	-1.485	0.38	-2.165		1.365		
-1.445	-15.195			-19.746	2.5	0.836	7.798
-1.556		-0.935	1.922		0.981	-1.814	2.127
-1.239				0.246			0.682
-1.244	-0.751						0.283
-1.285	-5.208	0.231		-6.062	1.762		
-1.274	17.38	0.706	18.132				-3.396
-1.28	-0.8		-1.19		1.297		
-1.252							1.273
-1.669	42.889	0.469		32.046	3.568	15.994	-12.838
-1.307							
-1.29		-0.263		3.73		-4.12	1.649
-1.207		0.556			0.775	-0.093	
-1.318	1.634	0.045	2.931				
-1.306		0.279	-0.414		1.251		
-1.355		-0.23	2.368		0.763	-2.371	
-1.291				-0.549	1.344		
-1.296	12.607	0.547		11.327	1.084		
-1.69	40.609	0.397		29.599	3.71	16.22	-12.662
-1.611		-1.03	0.608		1.389		1.507
-1.351	3.87		5.357				0.313
-1.217	9.899	0.314		11.402		-3.21	2.407
-1.285			-0.42		1.312		
-1.228				0.549			
-1.505	45.358	0.634	18.908	28.467			-9.514
-1.462	5.998		-1.182		3.108	6.594	-1.612
-1.323	18.454		11.698	6.529			-0.664
-1.227				0.494			
-1.247			0.196				0.68
-1.59		-0.88			1.454	0.206	2.017
-1.251				3.321		-3.765	1.71
-1.304	16.547		17.742				-4.128
-1.216	23.298	0.844		22.333			
-1.28							0.756
-1.262	8.466			10.644		-3.973	2.526
-1.321	0.355	0.354			1.196		
-1.229						0.523	
-1.336		0.166	-0.82		1.267		1.469
-1.394		-0.035	2.58	-1.861	1.19		-1.032
-1.436	36.701		18.876	19.448			-8.096
-1.301	0.433						3.938
-1.414	14.464	-0.443		16.73		-1.344	
-1.69	31.612			22.646	3.327	13.078	-9.389
-1.603		-1.163	1.816		1.266	-0.443	
-1.29			1.811				-0.657
-1.244	-0.873						
-1.241	-0.862	0.013					

-1.405	22.796	-0.216		24.393			-2.382
-1.357	13.028	0.579		9.692	1.583	2.366	
-1.325	-4.929	0.379		-6.43	1.513		2.603
-1.207	19.862	0.838		18.571			1.37
-1.312						-2.493	7.231
-1.177		0.645				-3.46	7.064
-1.277		-0.028	3.425		0.329	-5.142	2.286
-1.267		0.458	-2.601		1.797	1.787	
-1.362			-4.006		1.95	1.926	3.319
-1.284		0.427	-2.317		1.37		4.012
-1.177	18.473	0.594		17.853			
-1.196			0.418				
-1.239		-0.181	5.063			-5.71	
-1.362	5.879			2.611	1.962	2.094	0.025
-1.278	0.269				1.18		
-1.34			0.402	-0.848	1.289		
-1.238							
-1.229		0.205			0.759	0.227	
-1.246		0.651		-0.984	1.253		0.908
-1.333	-3.492	-0.512				-2.143	
-1.39	0.864	-0.058	1.547		1.13		-0.854
-1.37	21.954			23.093			-1.643
-1.37	21.911			23.038		0.016	-1.627
-1.257	-0.939	-0.082					
-1.339	10.263	-0.216	-2.859	14.483			
-1.239			0.464				
-1.243					0.844	0.196	
-1.249	-1.837	0.587	-3.867		1.245		3.688
-1.353	17.129			18.463		-0.913	
-1.294				1.638			
-1.348	15.733			17.108		-1.149	0.477
-1.512	8.724				3.485	8.413	-2.498
-1.286				-0.189			3.294
-1.522	11.59	-1.034	4.193	10.697			-2.333
-1.274			0.186				2.399
-1.172		0.626					1.173
-1.423	17.899	-0.377		19.281			-0.609
-1.297		0.21			1.003		
-1.27		0.06					2.761
-1.27			8.611	-8.207			
-1.354		0.111	-0.72		1.317	0.448	0.651
-1.358	19.368		9.958	8.859			
-1.256	1.245	0.183	2.254				
-1.421	-3.734	-0.819				-4.45	5.023
-1.421	-3.879	-1.01	4.963	-2.704		-4.654	
-1.595	17.796	0.199		9.693	3.121	9.668	-4.026
-1.441		-0.864		3.632		-3.569	3.542
-1.321	15.818	-0.008		17.172		-1.015	

-1.222	-15.32			-12.202		-5.365	6.264
-1.173		0.679	-0.074				1.009
-1.17		0.63					0.968
-1.173		0.665		-0.029			0.974
-1.172	-0.022	0.639					0.942
-1.179	-10.891			-7.412		-4.173	2.198
-1.173		0.655				-0.01	0.963
-1.351	15.617	-0.016		17.014		-1.384	0.641
-1.286	11.14	0.414	11.402				
-1.326	-4.925	-0.713				-4.449	1.193
-1.2			0.575				
-1.211	12.528			14.169		-2.318	
-1.195				0.381			
-1.276	-2.593					-1.23	
-1.389	17.785	-0.173		18.659			
-1.263			8.842	-8.228			-0.56
-1.268	-1.924		-2.582		1.457		
-1.195		0.197			0.652		0.525
-1.407	20.538	0.081	9.945	11.468			-1.311
-1.206		0.586			0.627	-0.268	0.797
-1.216		0.169					
-1.303			4.416	-3.268			
-1.192		0.413			0.602		0.639
-1.251	-3					-2.162	
-1.451		-0.819	4.892			-5.492	3.251
-1.239							
-1.237	-3.095					-2.384	
-1.299			5.424	-3.898			-0.925
-1.399	10.654	-0.51		13.696			-3.337
-1.435	4.245		-1.962		2.781	5.547	-1.061
-1.299		0.038	3.091	-1.856			
-1.268	0.277				1.108		
-1.303			3.199	-1.893			-0.12
-1.475	8.025	-0.963		11.556		-1.667	
-1.288				2.134		-4.093	5.463
-1.197	-0.369						
-1.224							
-1.281				1.654			-0.356
-1.493	7.438	-0.525		7.97	1.102		
-1.452		-0.045		-3.972	2.628	4.996	-2.278
-1.304		-0.035	3.812	-2.194			-0.831
-1.402	-5.503	-1.144				-3.61	
-1.273	0.471				1.072		0.62
-1.17		0.528				-0.48	1.311
-1.28	-2.202					-4.486	6.207
-1.195		0.45					0.867
-1.256					1.068		-0.583
-1.254					1.163	0.551	-2.023

-1.476	9.725	-0.969		13.301		-1.276	-0.937
-1.325			-0.875		1.242		0.878
-1.607	7.246	-0.003			3.133	7.647	-0.951
-1.18		0.433					
-1.25		0.737	-2.459		1.222		4.755
-1.361			0.566		0.882	-1.842	3.367
-1.243			5.835	-5.448			
-1.665	6.366	-0.183		-0.505	3.08	6.988	
-1.365	-7.761	-0.099	5.417	-11.99	1.546	-1.452	
-1.324		-0.491		4.12		-3.299	
-1.27		0.38				-0.367	3.048
-1.431		-0.748	3.06		0.787	-2.099	-0.422
-1.288		0.891		-5.547	2.286	3.42	2.265
-1.32			-2.103		1.378		3.932
-1.293			1.081				0.462
-1.444	9.829	-0.264		10.073	1.023		-0.211
-1.208						0.579	
-1.298		-0.051	1.324				
-1.25					0.939	-0.08	
-1.215		0.424				0.328	0.562
-1.162	-2.844					-2.9	
-1.271	19.18			18.58			
-1.32		0.055				-1.212	5.698
-1.488	13.697	-0.926		16.579			-1.917
-1.208		0.078		3.1		-4.66	2.655
-1.31	-2.182		-4.6		1.459		4.636
-1.245		0.543	-0.685		1.301		
-1.278		-0.175	1.225				
-1.301		-0.104	1.599				-0.584
-1.257		0.054	1.131				
-1.357	4.344	-0.289		6.947		-1.104	-0.337
-1.263			0.72	0.469			
-1.268		0.108	0.574				1.242
-1.282		0.445	-3.751		2.065	2.971	
-1.249		0.124	2.007	-1.002			
-1.268		-0.04		1.276			
-1.237		0.532	-1.815	1.15	1.247		
-1.25		0.826		-1.102	1.055		1.565
-1.72		-0.462		-6.497	3.228	6.316	1.337
-1.418	8.572	-0.596	2.501	8.009			
-1.348	2.931	-0.276		5.697		-1.488	
-1.344	3.36	-0.276	-0.538	6.641		-1.491	
-1.273	16.915			16.031			1.075
-1.29				0.865			0.96
-1.446		-0.874	2.58				
-1.362	8.188	-0.22	-0.997	10.921			-0.643
-1.243	-8.73			-6.254		-6.112	8.715
-1.26		0.202		0.218			1.92

-1.344	7.553	0.387		5.993	1.167		2.009
-1.247		0.567		-0.647	1.279		
-1.269		-0.124	1.262				-0.235
-1.343		-0.338	1.06	2.321		-2.17	0.013
-1.343		-0.339	1.079	2.308		-2.169	
-1.258		0.277					2.315
-1.332	8.209		-0.521	10.584			-1.238
-1.265	-22.338	-0.403		-18.534		-8.486	12.309
-1.26	0.005	0.286					2.35
-1.338	9.099			10.934		0.312	-1.79
-1.169	-0.395	0.492					
-1.299		-0.103		1.386			
-1.338	-3.558	-0.842				-2.361	
-1.333		-0.302		3.142		-2.255	0.628
-1.277		0.593	-3.674		1.659	1.465	3.784
-1.198		0.199				0.672	
-1.262	-3.903	-0.247				-4.376	1.837
-1.325	5.943		-0.536	8.34		-0.485	-0.266
-1.242	-1.925	0.132				-5.058	6.934
-1.32	5.037		-0.587	7.579		-0.736	
-1.248	0.9						3.189
-1.225				-0.375		1.03	
-1.375		-0.351	7.537	-5.784			
-1.166		0.467					0.893
-1.25					0.843	-0.246	0.664
-1.213		0.553					0.855
-1.24		0.186		1.707		-4.699	6.452
-1.244		0.219	2.346	-1.472			
-1.212						0.265	
-1.236							
-1.343	7.932	-0.123	-1.859	11.153			
-1.333			3.138	-0.757		-2.181	2.689
-1.287	-1.603						
-1.341	-1.415	-0.323	2.103			-2.312	
-1.296		-0.121		1.532			-0.365
-1.34	-1.443	-0.328	2.117			-2.336	-0.054
-1.274			-3.369	2.277	1.341		1.196
-1.191	15.238	0.756		13.699			2.765
-1.227	0.376					1.04	
-1.171		0.53		0.362			
-1.327	-0.061		2.304			-2.325	2.948
-1.162		0.398					1.201
-1.229	-3.446					-3.958	1.863
-1.303				-0.273	1.151		-0.335
-1.215	-2.65			-2.384			0.73
-1.269	-0.213				1.059		-1.228
-1.171		0.535				0.383	
-1.336	20.211	0.443	7.994	12.111			

-1.164	0.14	0.488					1.02
-1.233		0.536					
-1.175		0.561	0.352				
-1.24	-1.531	0.451	-2.697		1.359		1.222
-1.206	-1.524		-1.4				0.962
-1.244		0.276				0.869	
-1.289		-0.091	-0.571		1.402		
-1.303			0.457	2.031		-1.845	0.999
-1.284			-5.322	3.734	1.214		2.688
-1.292	-0.448						1.729
-1.163		0.467		-0.085			0.988
-1.249							
-1.223						0.692	
-1.219			-0.108			0.789	
-1.261	14.565			13.53			1.838
-1.352		-0.294	3.326			-1.652	-0.85
-1.328			5.814	-4.807			1.21
-1.162		0.449	-0.047				0.971
-1.328		0.585	2.409	-2.981	1.295		
-1.311	-3.016	-0.207				-2.808	1.882
-1.205				0.47			
-1.259	-11.555			-8.963		-5.362	8.319
-1.224		0.211			1.099		-1.033
-1.237	4.606	0.318		5.96		-3.873	4.916
-1.302	-1.506		1.117			-2.091	1.204
-1.291						1.15	
-1.45		-0.989		2.742			
-1.323	-13.924	0.62	6.249	-22.187	2.091		2.517
-1.266				3.141		-2.232	
-1.24				-0.732			2.916
-1.265	15.342			17.057		-2.65	
-1.206	-0.474						
-1.434		-0.956	3.445				-2.092
-1.325			6.913	-5.408			
-1.209		0.263					
-1.201			-2.8	2.771			1.191
-1.259							
-1.226	0.696	0.625			1.011		0.857
-1.254		0.133		2.193		-4.428	4.946
-1.538		-1.272	6.405	-1.2		-3.511	0.944
-1.26						0.56	0.299
-1.534	-2.472	-1.378	8.511	-4.826		-4.061	
-1.272	-1.504						-0.219
-1.224		0.526	9.475	-9.151			
-1.258						0.432	0.397
-1.469	5.386	-0.767	8.355				-1.864
-1.234		0.716	-4.168	2.172	1.107		3.646
-1.186				3.184		-3.504	

-1.188	1.401	0.698					4.155
-1.533	0.282	-1.265	5.428			-3.579	1.13
-1.269						0.883	
-1.228		0.24				0.657	
-1.167	-5.707		-3.424			-3.066	2.371
-1.367		-0.437	8.48	-5.933			-1.935
-1.242		0.192				0.741	
-1.229			-0.649				2.75
-1.266	-1.267	-0.037					
-1.46		-1.235		5.067		-3.015	
-1.295		0.066	2.094		0.354	-4.848	5.102
-1.247							0.773
-1.388		-0.871		4.815		-3.752	0.548
-1.245		0.02		0.893			0.173
-1.198	-3.379	0.019				-4.793	2.637
-1.205	-2.208			-1.68			
-1.258		0.782		-1.973	1.205		3.655
-1.227	0.411	0.554			1.069		
-1.309			1.429	-1.934	1.392		
-1.184		0.866	-1.171				3.816
-1.231	-1.999	0.222				-4.724	5.847
-1.252							
-1.257		-0.078		1.029			
-1.313			0.806				2.097
-1.215		0.507	8.946	-8.475			-0.402
-1.311	3.058		3.839	1.735		-1.126	
-1.237	-5.109		3.593	-8.012			
-1.261						0.759	
-1.291	-1.34	-0.077					
-1.313				-1.391	1.319		2.363
-1.227							1.487
-1.232	13.704	0.511		14.428		-2.427	2.151
-1.201	-1.26		-0.762				
-1.35	9.585	0.992		1.715	2.757	6.566	0.015
-1.644	-15.115	-0.769		-17.631	2.317		7.393
-1.229						-0.335	1.074
-1.252							
-1.326	-4.007	-0.086		-4.908	1.871		
-1.314	-4.82	-0.754				-3.857	
-1.21	-1.952			-1.371			
-1.305		0.268		-0.61	1.413		
-1.219	-0.272						0.736
-1.312				0.572			2.61
-1.2		0.531	6.7	-6.403			
-1.354	15.287	0.189	17.105				-3.874
-1.25			1.397	-0.825			
-1.262		0.1	1.311		0.974	-2.132	
-1.214		0.187	0.575				

-1.273		0.041	2.271		0.392	-3.85	2.959
-1.351	7.631		2.247	6.944			0.021
-1.272	-1.25	-0.005					-0.107
-1.272			-2.314	1.687	1.353		
-1.209							1.226
-1.426		-1.003		3.354			-1.671
-1.517	1.672	-1.297	7.147	0.391		-3.116	-1.573
-1.214	-1.196					-0.722	
-1.338	5.722		2.889	5.334		-0.761	-0.731
-1.266		-0.122			1.108	-0.27	
-1.231	-0.749					-0.54	0.821
-1.308			7.181	-5.236			-1.321
-1.226	0.399	0.662			0.938		0.191
-1.194		0.69					
-1.315	-0.252						3.247
-1.224				0.211			0.769
-1.185		0.654		-1.204			3.884
-1.33		-0.072					3.807
-1.252	-1.468	0.548	-3.97		1.301		4.858
-1.228	-0.223		0.386				
-1.231			0.602				
-1.227						0.226	0.71
-1.227	-0.394						0.432
-1.212	-0.537						
-1.21			0.101				0.759
-1.228			0.181				0.766
-1.224	-0.595						
-1.209		0.458			0.927		-0.514
-1.212				0.063			0.791
-1.213	-0.571	0.076					
-1.201			-1.534	1.981			
-1.214	-0.026						0.812
-1.164		0.337	0.362				
-1.234		0.576	-2.378	1.211	1.262		1.247
-1.211		0.464			0.958	0.182	-1.009
-1.207		0.481			0.849	-0.141	
-1.465	4.585		-2.379		2.854	5.516	0.858
-1.227		0.415				-3.049	7.274
-1.168		-0.043		3.044		-3.28	
-1.341	2.259	-0.13	4.38				-1.653
-1.187		0.823		-0.684			2.685
-1.241						0.217	0.858
-1.278	-0.571		-0.975		1.321		
-1.229	-0.65	0.155					0.373
-1.237			-0.127			0.418	0.595
-1.237				0.077		0.223	0.612
-1.306	-4.09	-0.489				-3.112	
-1.647	59.41	0.875		46.808	3.709	19.717	-18.287

-1.273	-0.628	0.101	-1.021		1.274		
-1.243				0.173			0.883
-1.26			-0.214				1.762
-1.295		0.197	-0.421		1.287		
-1.302							
-1.239	-1.461	0.376	-2.143		1.369		
-1.229	21.482	0.708		21.39		-0.949	
-1.559		-0.943	1.873		0.999	-1.732	2.09
-1.218				0.494			
-1.163		0.342		0.321			
-1.216		0.119		0.524			
-1.184	15.714	0.407		16.29		-1.278	
-1.189	-7.079		-5.61			-3.701	6.021
-1.313	0.376	0.286			1.24		
-1.211			0.527				
-1.176		0.626	-1.18				3.874
-1.426	-2.71	-0.92					
-1.226				0.317		0.204	
-1.23				0.548			
-1.168	-1.542	0.548		-1.509			0.948
-1.162	-0.83	0.553	-0.89				1.099
-1.205		0.5			0.721	-0.383	0.894
-1.278	0.521	0.174					3.96
-1.205			0.395				
-1.224						0.515	
-1.187		0.513					
-1.229			0.103			0.426	
-1.165	-0.303	0.347					
-1.225			0.48				
-1.158		0.578	-1.608	1.457			1.227
-1.214	22.68	0.844		21.651			0.258
-1.413	14.493	-0.437		16.753		-1.352	
-1.413	14.443	-0.439		16.707		-1.357	0.013
-1.425	21.323	-0.374		23.136			-2.184
-1.241	-0.858	0.032					
-1.229		0.148			0.806	0.204	
-1.245			9.261	-8.824			
-1.192	-13.242		2.496	-11.772		-4.466	1.875
-1.179	0.295	0.731					1.786
-1.205				0.361			
-1.237		0.006					
-1.178		0.685				-0.224	1.591
-1.391		-0.594		3.198		-4.077	4.479
-1.299			-4.438	2.22	1.325		4.233
-1.356	21.034	-0.14		22.387		0.118	-2.084
-1.179	-3.004					-3.126	
-1.169		0.585					1.242
-1.27		0.132		-0.3			3.416

-1.526	12.298	-1.094	4.388	11.593			-3.186
-1.374	23.107			24.187		0.231	-2.027
-1.171	-10.711			-7.198		-4.252	2.272
-1.272			7.564	-7.413			0.657
-1.383	-3.364	-0.615				-4.701	5.576
-1.212	-14.148	0.153		-11.434		-4.933	6.188
-1.259	-2.927					-1.845	
-1.272		0.022	0.157				2.441
-1.227	-16.285		1.139	-14.071		-5.472	6.016
-1.171		0.662	-0.181			0.15	0.969
-1.171		0.658	-0.069				1.017
-1.173	-0.243	0.628				-0.271	1.022
-1.219						0.518	
-1.3							
-1.171		0.644		-0.03			0.986
-1.422	-3.549	-0.822		0.181		-4.407	4.949
-1.171		0.638				-0.026	0.989
-1.17	-0.018	0.621					0.957
-1.208	-0.347						
-1.172		0.661		-0.088		0.081	0.946
-1.199			0.746			-0.195	
-1.263			9.55	-8.894			-0.635
-1.175	-10.438	0.058		-7.114		-4.005	2.162
-1.203		-0.029	0.577				
-1.346	-5.114	-0.824				-4.275	0.903
-1.171		0.406				0.227	
-1.176		0.566				-0.483	1.269
-1.227		0.215					
-1.226		0.131					
-1.285		0.152	5.268	-4.251			
-1.174	-6.226			-3.669		-2.263	
-1.431	17.31	-0.592		20.006		1.627	-5.691
-1.239	-12.906		7.986	-17.858		-2.392	
-1.303			4.82	-3.554			-0.283
-1.192	0.859	0.39				1.448	
-1.249					1.12	0.328	-1.392
-1.292		0.057	5.628	-4.168			-0.887
-1.383	-4.958	-1.121				-2.868	
-1.212	7.286			7.43			
-1.201		0.419					
-1.269	0.285				1.106		0.026
-1.299		0.039	3.075	-1.847			0.016
-1.195		0.469					0.848
-1.225	-1.854		-2.56				3.17
-1.182		0.496				-0.277	1.12
-1.24	-3.714			-4.1			2.579
-1.244		0.695	-3.327	0.858	1.207		4.799
-1.35	9.244	-0.385	0.048	11.865			-2.747

-1.215	0.331					0.888	
-1.195		0.29		-0.555		1.162	
-1.218				0.429			
-1.325		0.53	3.16	-3.792	1.401		
-1.199		0.091				0.585	
-1.211				-0.16		0.733	
-1.291		0.016	1.044				0.521
-1.215		0.424				0.328	0.562
-1.241			0.986	-1.27		0.946	
-1.165	-2.948	-0.047				-3.011	
-1.219	-0.428						
-1.24		0.513	-1.328	0.65	1.288		
-1.271	19.22			18.625			-0.02
-1.427		-0.693	4.94	-2.627			
-1.258		0.048	1.056	0.085			
-1.357	4.778	-0.286	-0.301	7.603		-1.031	-0.32
-1.223						0.23	
-1.348	3.611	-0.273	-0.432	6.695		-1.371	
-1.168	-1.241	0.432		-0.834			
-1.217			-4.19	3.358			3.291
-1.238	14.854			13.25		1.633	
-1.199		0.269				0.667	
-1.249	1.144						3.856
-1.279		0.091		0.663			1.263
-1.441		-0.827	2.38				0.365
-1.254	-13.352	-0.17		-10.362		-7.004	9.963
-1.302						1.506	
-1.367	-2.756	-0.697					-1.155
-1.169	-0.686	0.472				-0.315	
-1.166	-0.647	0.457	-0.256				
-1.207	-4.837	0.434	4.457	-8.687			
-1.17	0.151	0.531					0.982
-1.17	-0.391	0.522					
-1.248	0.291	0.358					2.749
-1.183			-4.691	5.238		-1.007	1.852
-1.343		-0.336	1.042	2.327		-2.168	0.034
-1.197		0.202	-0.124			0.783	
-1.339	10.399		-0.712	12.762		0.542	-1.864
-1.252							
-1.165		0.438					1.092
-1.168		0.507		-0.092			0.949
-1.172	-1.069	0.717	-2.343				4.242
-1.229				-0.385		1.039	
-1.222	-0.379			-0.676		0.949	
-1.167		0.491	-0.06				0.936
-1.371		-0.31	7.079	-5.546			0.456
-1.231	0.542		0.198			1.015	
-1.217		0.619	6.548	-6.963			1.885

-1.173		0.574				0.385	
-1.176	-3.244		-1.367			-1.565	
-1.17		0.528		0.229		0.154	
-1.229	0.367					1.032	
-1.167		0.502	-0.371	0.729			
-1.172		0.552		0.357			
-1.172		0.54	0.167			0.224	
-1.223		0.458	2.436	-1.946			
-1.177		0.797	-1.564				4.95
-1.235		0.575					
-1.337	-1.594	-0.301	1.834			-2.366	0.284
-1.212	-2.506			-2.25			0.749
-1.261		0.219				1.037	
-1.212	-2.423		-0.317	-1.872			0.783
-1.165		0.746	-3.291	1.913			4.375
-1.187	-2.707	0.704		-3.659			3.633
-1.175		0.571	0.348				
-1.205	-1.493		-1.368				0.963
-1.244		0.266				0.887	
-1.224			-0.167			0.843	
-1.242				-0.98			3.613
-1.433		-0.807		2.063			1.154
-1.211		0.343					
-1.21		-0.064		0.478			
-1.247			-0.963				3.829
-1.328			5.43	-4.415			1.27
-1.153	-4.563	0.275	-2.782			-2.484	2.172
-1.37		-0.587	5.988	-3.202			-1.869
-1.211	-0.483	-0.063					
-1.188	1.554	0.689					4.583
-1.227	0.823	0.649			0.986		1.249
-1.201			-2.748	2.723			1.186
-1.226		0.509	10.124	-9.786			
-1.229		0.285				0.656	
-1.259						0.525	0.329
-1.182		0.04		3.114		-3.426	
-1.229			-0.815				3.217
-1.22	-3.554		1.65	-4.605			
-1.166	-5.652		-3.365			-3.072	2.374
-1.213	-0.997					-0.931	1.061
-1.181	-7.021		-5.888			-4.047	7.739
-1.218	-2.536			-1.95			
-1.181		0.842	-1.359			0.229	3.815
-1.233	-5.017		4.011	-8.33			
-1.242				-0.475			2.658
-1.207	-2.304			-1.774			
-1.245			2.08	-1.493			
-1.185		0.8		-1.178			4.056

-1.232						-0.236	1.999
-1.184	20.273	0.762		17.331		2.793	
-1.215		0.502	9.088	-8.607			-0.418
-1.17		0.413	0.317				
-1.241		0.139					
-1.226	-0.04						1.391
-1.203	-1.363		-0.867				
-1.387	-1.116	-0.486					2.559
-1.167	-5.447	0.418	-4.788			-2.878	5.997
-1.211	-1.969	-0.008		-1.387			
-1.233	9.675			9.654			
-1.204	-1.274					-0.818	
-1.215		0.203	0.568				
-1.215	0.097	0.206	0.664				
-1.221	-1.046					-0.696	0.368
-1.203	-12.253		5.167	-13.713		-3.296	
-1.198		0.605	2.277	-2.819		1.115	
-1.17		0.421		0.281			
-1.186		0.649		-1.382			4.392
-1.191	24.35	1.024		20.978		2.957	
-1.224				0.241		-0.041	0.784
-1.215	-0.562	0.135					
-1.227	-0.212		0.397				
-1.252			-0.686			0.495	1.899
-1.227			0.036			0.191	0.713
-1.172	-0.257	0.429					
-1.195			-1.932	2.632		-0.304	
-1.201			-1.728	2.17			
-1.209		0.45			0.938	0.052	-0.642
-1.186		0.827		-1.01		0.335	2.782
-1.185	-14.809		4.598	-14.947		-4.9	1.776
-1.229	-14.933		10.318	-21.517		-3.087	
-1.273	-0.462	0.077	-0.868		1.301		
-1.243				-0.101		0.282	0.962
-1.218		0.166		0.512			
-1.15		0.535	-2.964	3.208		-0.677	1.67
-1.211			0.828			-0.346	
-1.178		0.486				0.171	
-1.218				0.41		0.097	
-1.178	0.594	0.726					2.603
-1.206		0.067	0.519				
-1.175		0.622	-1.287				4.18
-1.176		0.646				-0.485	2.265
-1.163	-0.932	0.565	-0.997				1.1
-1.223			0.214			0.307	
-1.28			8.23	-8.37			1.492
-1.169	-1.61	0.555		-1.574			0.94
-1.166	-1.319	0.548	-0.312	-1.007			1.001

-1.193		0.506				
-1.193	1.864	0.592	0.901		1.546	
-1.158		0.592	-1.924	1.75		1.259
-1.258	16.398			14.791	1.498	
-1.242	-3.52			-4.43		4
-1.415	15.524	-0.429		17.726	-1.154	-0.339
-1.192	-13.21	0.003	2.49	-11.744	-4.455	1.874
-1.179	0.324	0.734			0.029	1.794
-1.203		0.179			0.521	
-1.285		0.181				
-1.176	-2.925	0.037			-3.042	
-1.194	0.943	0.504			1.517	
-1.217	-15.047	0.134	0.881	-12.98	-5.071	6.008
-1.171	-10.727	-0.002		-7.207	-4.258	2.274
-1.17	-0.365	0.588			-0.431	1.097
-1.224	0.229				0.735	
-1.225	-1.517		-2.55			4.056
-1.17		0.654	-0.161		0.125	0.979
-1.207		-0.105	0.912		-0.374	
-1.22				-0.054	0.571	
-1.197			-6.453	6.19	-1.131	4.238
-1.171		0.644		-0.048	0.025	0.977
-1.197		0.414		-0.667	1.254	
-1.151		0.654			-0.925	1.662
-1.166	-5.153	0.154		-3.007	-1.854	
-1.194	0.706	0.289			1.256	
-1.178	-6.552			-3.947	-2.311	
-1.229	-11.545	0.142	7.554	-16.474	-2.003	
-1.19	1.983	0.495		0.89	1.678	
-1.282		0.182	5.065	-4.18		0.257
-1.215	7.269	-0.042		7.419		
-1.232	-2.766		-1.463	-1.899		2.993
-1.369	13.494	-0.434	-0.265	16.16	0.998	-4.096
-1.196		0.202		-0.386	0.964	
-1.214		0.052		0.42		
-1.184	-2.967	0.465	2.209	-4.682		
-1.22			-3.648	2.558		4.038
-1.238			1.36	-1.591	0.896	
-1.187	-2.523	0.687		-3.875		4.728
-1.215	-0.418	0.053				
-1.198		0.306	-0.299		0.933	
-1.171	-1.514	0.469		-1.111		
-1.162	-1.957	0.329	-0.744		-0.899	
-1.171	-0.797	0.707	-2.312			4.903
-1.425		-0.671	4.784	-2.573		0.197
-1.157		0.703	-4.862	3.894	-0.759	4.952
-1.222		0.608	7.113	-7.735		2.493
-1.168	-0.864	0.484	-0.485			

-1.205	-4.786	0.421	4.705	-8.875		
-1.293		0.054			1.441	
-1.17	-0.627	0.497			-0.255	
-1.167		0.74	-2.817	1.244		4.95
-1.221		0.436	2.908	-2.402		
-1.225	-0.822			-1.044	0.872	
-1.183			-4.623	5.175	-1.008	1.847
-1.175	-1.471	0.714	-1.865	-0.83		4.159
-1.166		0.52	-0.864	1.203		
-1.179	-3.51		-1.589		-1.619	
-1.172		0.56		0.164	0.221	
-1.231	0.555		0.212		1.015	
-1.173		0.569	0.097		0.292	
-1.168		0.512	-0.22	0.496	0.097	
-1.178		0.801	-1.527		-0.069	5.008
-1.212	-2.519		0.02	-2.28		0.746
-1.162	-5.658	0.35	-5.138		-3.319	7.452
-1.247			-1.005		0.07	3.78
-1.154	-4.566	0.277	-2.791		-2.478	2.169
-1.221	-3.777		2.195	-5.353		
-1.218	-0.812				-0.882	1.457
-1.214	-2.426	0.073		-1.858		
-1.242				-0.482	0.009	2.656
-1.203	-13.714		7.255	-16.937	-3.574	
-1.185		0.802		-1.262	0.105	4.033
-1.224	9.904	0.135		9.852		
-1.215	0.057	0.211	0.622			
-1.198		0.602	2.312	-2.847	1.109	
-1.202	-11.998	0.027	5.111	-13.487	-3.212	
-1.2	-17.727	-0.252	5.759	-18.103	-5.824	1.835
-1.195			-2.212	2.92	-0.323	
-1.237	-16.688	-0.152	11.128	-23.542	-3.607	
-1.151		0.548	-3.214	3.43	-0.664	1.69
-1.211		-0.004	0.835		-0.353	
-1.199	0.688	0.371			1.176	
-1.178	0.454	0.711			-0.147	2.591
-1.165	-1.199	0.56	-0.645	-0.583		1.043
-1.193	1.75	0.611	0.766		1.561	
-1.198			-5.966	5.45	-1.194	5.115
-1.201		0.277		-0.347	0.864	
-1.242	-3.59		0.111	-4.6		3.984
-1.193	1.486	0.545		0.436	1.624	
-1.169	-5.308	0.193		-3.204	-1.813	
-1.157		0.693	-4.465	3.313	-0.824	5.643
-1.184	-2.904	0.469	2.073	-4.489		
-1.164	-2.212	0.356	-0.994		-0.918	
-1.183	-2.13	0.691	-0.615	-2.927		4.82
-1.167		0.527	-0.746	1.025	0.071	

-1.212	-15.53	-0.158	8.066	-18.997		-4.121	
-0.718			19.349	-21.13	2.409		
-0.406		1.315	23.459	-27.271	2.525		
-0.808	16.284		14.042		1.86		
-0.665			19.698	-20.911	2.357		-1.387
-0.841			19.022	-24.315	3.371	3.348	
-0.557			11.064	-12.562	2.001		
-0.442		1.028	21.242	-24.63	2.482		
-0.767			22.208	-24.663	2.721		
-0.489	5.936	1.245	23.273	-21.141	2.37		
-0.814		-0.23	20.849	-22.787	2.623		
-0.736			18.523	-20.61	2.408		0.794
-0.74			20.633	-24.504	3.22	3.033	-2.731
-0.738	2.004		19.206	-19.055	2.363		
-0.697			21.998	-23.818	2.614		-1.334
-0.582			15.78	-15.45	1.688	-1.901	
-0.37		1.386	21.729	-25.728	2.471		0.385
-0.701	9.745		12.925	-5.116	1.906		
-0.746	6.071		19.861	-15.31	2.26		-1.225
-0.378		1.344	22.378	-26.196	2.488		
-0.379		1.405	21.979	-26.495	2.63	0.712	
-0.883	18.864		16.557		1.94		-0.329
-0.723	15.907	0.22	13.815		1.698		
-0.855	17.73		15.379		1.909		
-0.828	17.059		15.159		1.794	-0.398	
-0.826	16.814		14.468		1.898		
-0.702		-0.116	20.404	-21.635	2.447		-1.503
-0.596			14.033	-16.204	2.305		
-0.654			21.268	-21.465	2.065	-2.377	
-0.721	13.941		12.027		1.594		
-0.837			20.534	-25.392	3.314	2.612	
-0.515	5.031	0.987	21.319	-19.719	2.366		
-0.566		0.659	22.298	-25.324	2.58		
-0.807	22.337		22.077		1.809		-5.907
-0.691	27.986	1.008	20.172		3.425	9.046	-9.774
-0.521		0.18	11.167	-12.619	1.925		
-0.84			19.455	-24.818	3.437	3.571	-0.426
-0.856		-0.044	19.328	-24.537	3.381	3.24	
-0.841	-0.064		19.028	-24.387	3.374	3.353	
-0.809			21.317	-24.349	2.772		1.265
-0.865	7.968		21.065	-18.087	3.319	3.861	-2.884
-0.836	-10.797		17.678	-36.257	4.392	6.084	
-0.494		0.838	22.059	-25.102	2.524		-0.375
-0.457		0.962	21.667	-24.72	2.436	-0.3	
-0.464	7.435	1.281	21.432	-17.809	2.268		
-0.454	7.274	1.385	20.614	-18.325	2.495	1.22	
-0.771	0.41		22.17	-24.226	2.712		
-0.451	6.313	1.325	21.262	-18.965	2.295		0.443

-0.88			12.505	-20.9	3.978	7.263	
-0.688	7.363		16.079	-9.151	1.693	-1.453	
-0.881	21.643		20.325		1.958		-3.353
-0.676	-17.864		14.249	-35.285	2.845		5.162
-0.592	13.967	0.465	12.231		1.355		
-0.855		-0.261	20.078	-22.438	2.663		1.011
-0.747	9.09		15.369	-8.779	2.206		
-0.994	-25.757	-0.831	18.983	-48.986	3.804		7.221
-0.571	18.676	0.978	15.487		1.668		
-0.777	5.224		22.006	-18.821	2.528		-1.208
-0.817	0.529	-0.222	20.77	-22.195	2.606		
-0.631	9.513	0.229	12.843	-5.15	1.766		
-0.731			21.423	-24.836	3.094	2.19	-2.33
-0.69	20.543	0.707	17.665		1.643		
-0.721		0.09	20.193	-24.35	3.249	3.374	-2.791
-0.733	-0.561		18.439	-21.113	2.421		0.916
-0.37		1.458	21.094	-25.515	2.461		1.296
-0.812			16.141	-23.168	4.095	7.698	-4.574
-0.96	21.154		16.816		2.501	2.17	-1.16
-0.613		-0.117	16.54	-15.938	1.692	-2.224	
-0.372		1.348	22.01	-25.519	2.354	-0.6	0.599
-0.761	18.319	0.337	15.797		1.79		
-0.773	5.951	-0.074	20.356	-15.94	2.329		-1.305
-0.376		1.375	22.089	-26.229	2.549	0.33	
-0.795	17.721	0.154	15.551		1.793		-0.224
-0.681	20.592	0.348	20.317		1.592		-5.223
-0.541	18.897	1.148	13.404		2.061	2.524	
-0.862	18.316		16.17		1.887		-0.37
-0.859	18.334		15.58		1.905		
-0.724	-27.23		16.979	-49.189	3.568		7.842
-0.748	16.477	0.196	14.331		1.73		
-0.708	15.608	0.244	13.405		1.706	0.143	
-0.862	17.838		15.143		1.988	0.337	
-0.846	17.486		15.197		1.887		
-0.841	17.407		15.424		1.823	-0.386	
-0.892	25.711		23.1		2.511	2.79	-7.663
-0.81	-13.328		16.009	-35.939	3.881	3.998	2.788
-0.623		0.637	20.749	-25.65	3.039	2.092	
-0.561	18.053	0.995	14.597		1.621		0.904
-0.741	5.063		21.107	-16.728	2.066	-2.045	
-0.573		0.753	21.047	-24.738	2.58		1.398
-0.891			10.905	-22.443	4.765	9.638	
-0.675	22.456	0.756	20.403		1.793		-3.144
-0.887	27.305		22.168	4.644	1.793		-5.985
-0.717		0.585	10.793	-20.798	4.112	8.322	
-0.77	-11.329		20.649	-35.9	3.153		3.874
-0.878	24.005		23.149		1.99		-5.56
-0.856	-6.76		16.005	-30.381	4.144	6.229	

-0.663	27.199	1.087	19.773		3.2	7.704	-8.103
-0.737	14.759		13.261		1.504	-0.464	
-0.749	15.164		13.242		1.617		-0.174
-0.677	12.621		10.811		1.552		
-0.739	15.199		12.247	0.982	1.584		
-0.565	3.15	0.775	21.932	-21.978	2.471		
-0.717	27.129	0.907	19.491		3.356	8.416	-8.6
-0.705	30.483	1.019	19.575	2.976	3.358	9.041	-9.659
-0.539	4.716	0.89	21.729	-20.27	2.398		-0.189
-0.502	5.492	1.058	20.832	-19.141	2.4	0.334	
-0.8	9.309	0.302	19.435	-16.278	3.403	5.2	-3.122
-0.833	-0.562		20.595	-26.028	3.336	2.636	
-0.838			20.491	-25.287	3.284	2.462	0.172
-0.995	25.662		21.559		2.79	3.204	-5.231
-0.899			15.111	-23.624	4.279	8.125	-2.078
-0.854	2.401		19.842	-22.812	3.418	3.711	-0.999
-0.847		-0.022	19.56	-24.876	3.435	3.497	-0.385
-0.855	-0.369	-0.051	19.4	-24.98	3.399	3.249	
-0.516		0.815	21.582	-25.544	2.805	1.333	-1
-0.943	18.726		8.649		4.037	11.699	-5.427
-1.06		-0.575	13.869	-21.65	4.112	6.958	
-0.562			9.275	-10.619	1.777		
-0.812	-9.759	0.1	17.014	-34.658	4.318	6.204	
-0.879	8.768		20.462	-17.177	3.425	4.637	-3.226
-0.651		0.672	13.782	-22.872	4.258	8.874	-3.932
-0.456	7.478	1.342	20.79	-17.77	2.383	0.674	
-0.548	-17.483		16.813	-35.458	2.779		
-0.938	20.758		14.117		3.091	6.199	-3.125
-0.752	20.014	0.543	13.67		2.679	4.809	-1.803
-0.48	8.458	1.233	21.768	-16.912	2.249		-0.455
-0.544	11.675		15.805			-5.637	
-0.453	7.137	1.378	20.655	-18.363	2.463	1.038	0.078
-0.927	-13.145	-0.566	19.883	-36.323	3.254		4.101
-0.769	20.335	0.207	19.234		1.77		-3.356
-0.935	8.028		14.95	-16.172	4.468	10.486	-5.657
-0.565	12.588	0.503	10.905		1.346		
-0.684	7.41	0.013	15.989	-9.047	1.691	-1.414	
-0.876	21.523		20.234		1.947		-3.351
-0.452	-11.093		8.836	-21.002	2.215		
-0.54	12.688	0.556	10.368		1.432	0.703	
-0.609	14.562	0.473	12.453	0.328	1.365		
-0.586	13.497	0.479	11.751		1.351		0.079
-0.615			14.378	-16.839	2.287		
-0.957	-26.631	-0.709	18.889	-49.996	3.819		7.494
-1.008	-27.63	-0.934	19.214	-50.551	3.72	-0.788	7.951
-0.563	18.66	1.015	15.117		1.73	0.363	
-0.594	18.896	0.939	15.708		1.697		
-0.993	26.381		19.169		3.666	8.806	-8.653

-0.783			13.126	-23.044	4.726	9.693	-4.281
-0.635	17.984	0.746	13.8		1.966	1.509	
-0.376		1.41	21.478	-25.193	2.279	-0.945	1.757
-0.871		-0.236	16.778	-23.374	4.112	7.502	-4.8
-0.828	17.144		14.338		1.929		
-0.496			4.651	-4.781	1.409		
-0.82	13.945		16.19	-5.113	2.09		
-0.722	24.539	0.358	19.98	4.118	1.536		-5.227
-0.66	12.712		13.631		0.962	-2.765	
-0.705	17.755	0.468	15.089		1.737		0.221
-1.027	23.868		12.681		4.729	14.794	-10.537
-0.527	12.507		16.504			-5.475	
-0.727	16.495	0.312	13		1.976	1.403	
-0.868	18.732		16.236		1.849	-0.27	
-0.539	18.955	1.153	13.38		2.08	2.624	-0.04
-0.856	18.161		15.387		1.907		0.041
-0.607	15.131		19.75			-7.063	
-0.981	30.897		23.278	4.721	2.514	2.827	-7.76
-0.695	-31.229		17.18	-52.788	3.436	-1.269	9.321
-0.527	10.75		14.192			-5.57	1.899
-1.042	-7.291	-0.611	17.734	-31.908	4.291	5.811	
-0.726		0.611	12.825	-23.004	4.367	9.078	-1.705
-0.837	17.049		14.211		1.992	0.693	
-0.509		0.37	9.83	-11.135	1.68		
-0.541	10.002		13.334			-5.404	1.831
-0.889	25.711		23.054		2.524	2.908	-7.771
-0.607		0.694	20.542	-25.218	2.896	1.462	0.722
-0.609	2.159	0.732	20.507	-23.248	2.92	1.965	
-0.683	-7.528		15.814	-29.751	4.069	6.112	-3.437
-0.598	-5.685	0.596	20.713	-30.374	2.801		2.649
-0.61	6.896	0.823	20.449	-18.905	2.96	3.006	-1.559
-0.899			12.307	-23.983	4.952	10.188	-1.208
-0.626	23.582	1.013	21.265		1.783		-3.441
-0.859	18.91		19.78		1.214	-4.188	
-0.73	16.296		10.915	3.389	1.526		
-1.077		-0.569	16.573	-24.478	4.418	7.853	-2.152
-0.903	26.663		22.779	3.125	1.905		-5.766
-0.516	3.429				2.064	2.723	
-0.508				-5.043	2.647	3.693	
-0.602	21.547	1.171	20.36	-5.528	3.031	5.955	-6.101
-0.726	-17.312		20.901	-41.277	2.967	-1.834	6.051
-1.161	20.142	-0.671	10.642		4.271	11.899	-6.409
-0.735	14.617		13.276	-0.133	1.502	-0.48	
-0.738	14.807		13.277		1.513	-0.429	-0.016
-0.747	14.951		13.285	-0.243	1.621		-0.188
-0.652	27.277	1.126	19.877		3.177	7.614	-8.088
-0.57			12.317	-12.414	1.54	-1.272	
-0.735	22.025	0.742	19.497	-4.684	3.37	7.532	-7.11

-0.642			19.916	-20.684	2.026	-1.934	
-0.596	17.094		14.801	5.92		-5.374	
-0.579	16.297	0.804	10.742		2.196	4.323	-1.407
-0.483	-14.219		13.158	-28.201	2.489		-0.771
-0.534	13.84		18.28			-5.297	-1.788
-0.502	3.066		3.207		1.174		
-0.584			11.366	-12.618	1.846		-0.359
-0.599	-19.402	-0.26	18.17	-38.771	2.988		
-0.428			15.25	-10.507		-6.441	1.819
-0.565	-14.158		15.417	-30.457	2.538		
-0.565			9.51	-10.859	1.785		
-0.472	-6.919		7.253	-14.876	1.91		
-0.509			20.668	-14.978		-9.975	3.634
-0.651	-0.35	0.656	13.9	-23.202	4.242	8.733	-3.904
-1.069	9.225	-0.418	16.019	-15.69	4.593	10.634	-6.263
-0.565	15.759	0.519	10.008	3.997	1.234		
-0.835	20.292	0.298	13.681		2.901	5.692	-2.529
-0.636	12.817		16.636			-7.591	3.087
-0.527	11.68	0.077	15.617			-5.408	
-0.902	-13.355	-1.17	18.01	-31.623	2.878		
-0.651		-1.003			1.671		
-1.116	50.546		20.352	22.658	3.576	12.017	-16.318
-0.489			3.504	-5.115	1.753	1.151	
-0.562	12.298	0.462	11.068		1.258	-0.443	
-0.544	15.146	0.603	9.708	2.614	1.449	1.143	
-0.445	-10.916	0.107	9.002	-20.994	2.188		
-0.709	9.665		3.495		2.639	5.799	
-0.454	-10.293		8.277	-19.93	2.24	0.273	
-0.886	-43.087	-0.866	20.116	-65.077	3.326	-5.273	13.561
-0.91		-1.382	9.982	-9.289	1.891		
-0.38	5.889	0.879			2.227	4.723	
-0.637			16.409	-18.782	2.354		-0.347
-0.401					1.067		
-0.558	16.866		18.744			-3.073	
-0.585	14.134	0.485	11.543	0.815	1.325		0.129
-0.505				-4.539	2.27	3.464	
-0.463		0.549		-5.041	2.428	3.758	
-0.529		-0.293	4.017	-4.094	1.455		
-0.537			6.605	-6.584	1.446		
-0.625			14.937	-17.419	2.31		
-0.444					1.009		
-0.38	5.698	1.087			2.005	4.666	
-0.822	12.144		19.479	-9.161	1.986	-1.177	
-0.57	18.498	0.975	14.974		1.74	0.416	
-0.516	15.683	0.372	19.428			-6.216	
-0.467			20.157	-14.668		-8.811	2.857
-0.572			21.053	-19.164	1.407	-4.77	
-0.452	0.708				1.349		0.89

-0.383		0.57	21.461	-16.681		-9.482	3.854
-0.519			6.155	-6.042	1.435		-0.368
-0.611			20.817	-18.58	1.186	-6.149	2.019
-0.55	17.94		19.898			-3.177	
-0.464	1.772				1.487		1.445
-0.854	17.592		17.094		1.358	-3.07	1.293
-0.447				-0.797	1.396		0.939
-0.412		0.613	2.932	-7.359	2.294	3.23	
-0.481			1.612	-6.129	2.445	3.315	
-0.377			3.522			-5.654	3.166
-0.681	15.811		12.989	3.585	0.9	-2.708	
-0.814	14.849		15.143	-3.15	2.033		
-0.479	9.132	1.108			3.069	8.162	-1.386
-0.499	3.546		1.644		1.631	1.608	
-0.447	5.778	0.779			2.3	4.401	
-0.827	13.613		17.312	-6.501	2.13		-0.202
-0.567	14.181		18.454			-6.239	
-1.154	24.365	-0.414	13.617		4.818	14.684	-10.747
-0.639	6.412				2.819	5.421	
-0.4					0.9		0.709
-0.413			18.116	-12.89		-6.166	
-0.524				-4.076	2.452	2.968	
-0.481		0.312		-5.193	2.644	3.791	
-0.448			11.644	-7.343		-6.107	2.106
-0.549	12.98	-0.047	17.103			-5.655	
-0.529	12.205		16.127			-5.546	0.381
-0.529	12.605		16.608	-0.018		-5.469	
-0.518					1.293		
-0.449			23.16	-18.544		-5.321	
-0.552	2.46	-0.43	2.622		1.292		
-0.559	5.137				2.394	3.69	
-0.423			14.432	-9.365		-6.05	
-0.764		-1.083	10.015	-8.723	1.742		-1.875
-0.51	8.095		15.596	-3.624		-5.848	1.732
-0.49	13.366	0.557	16.002			-6.518	3.116
-0.565	11.834		15.421			-6.301	2.299
-0.545			13.727	-14.1	1.891		-2.732
-0.455				-1.683	1.52		1.396
-0.541	5.534				2.557	4.04	
-0.602	15.282		19.927			-6.957	-0.247
-0.606	15.044		19.795	-0.118		-7.078	
-0.448					0.89		0.57
-0.629		-0.768			1.706		
-0.462	8.754	0.954			2.919	7.334	
-0.554	11.141	-0.067	14.751			-5.8	1.914
-0.415					0.997	-1.886	2.161
-0.816	14.168		21.579	-6.321	1.343	-4.497	
-0.431					1.125	-0.622	1.08

-0.561	12.512		12.602	2.913		-5.214	1.944
-0.509	10.126	0.155	13.127			-4.974	1.726
-0.515	-9.754		11.898	-22.009	2.174		-0.876
-0.522		0.354	10.87	-12.128	1.718		-0.184
-0.605	21.15		18.118	7.042		-5.027	-2.242
-0.518		0.326	10.813	-11.692	1.61	-0.439	
-0.435	1.826				1.553		1.542
-0.459	8.38	0.897			2.98	7.3	-1.036
-0.504		0.373	9.565	-10.865	1.67		
-0.523	13.496		16.066			-3.057	
-0.507		-0.376	17.424	-11.754		-7.536	1.86
-0.524	-7.149			-10.749	1.955		6.59
-0.524			12.017	-10.608	1.148	-2.736	
-0.51	5.114			2.33	1.785	2.365	
-0.414			21.497	-15.441		-8.178	
-0.43			-0.792		1.315		1.072
-0.429	1.228				1.533		
-0.472	4.146	0.306			2.11	3.301	
-0.607	0.148	0.697	20.538	-25.081	2.897	1.494	0.674
-0.562	4.763				2.45	4.068	-0.492
-0.425				-1.754	1.603		1.499
-0.431	5.862	0.661			2.394	4.475	
-0.457			14.397	-10.266		-6.484	3.541
-0.543					1.556		
-0.503	0.626			-4.478	2.609	3.783	
-0.492				-4.729	2.519	3.382	0.148
-0.502				-1.779	1.398		3.754
-0.516				-5.185	2.696	3.813	
-0.513	3.312				2.03	2.656	
-0.506				-5.045	2.64	3.706	
-0.447	0.441				1.411		
-0.528		-0.638			1.284		0.404
-0.441					1.107		0.563
-0.421	15.202	0.919		8.803	1.995	4.916	
-0.551			11.783	-11.239	1.323	-2.037	0.408
-0.511		-0.548			1.344		
-0.736	14.649		13.309	-0.185	1.517	-0.424	-0.028
-0.423				-1.166	1.545		
-0.554	17.535	0.175	14.084	6.563		-4.785	
-0.592	6.482		20.043	-8.608		-9.164	3.411
-0.519				-3.289	2.027	2.524	
-0.442				-0.462	1.424		
-0.512	2.383				1.6	2.046	
-0.346			3.58			-5.729	3.261
-0.53	14.166	0.057	18.526			-5.206	-1.831
-0.494	1.357				1.279		3.043
-0.578	17.015	0.816	10.477	0.937	2.168	4.335	-1.346
-0.485	-14.279	-0.029	13.127	-28.226	2.496		-0.776

-0.438	8.092	1.195			2.572	6.845	
-0.513				-3.156	1.683		5.044
-0.588		-1.288	5.331			-3.764	
-0.493	2.769		2.795		1.188		0.134
-0.421	2.973	0.855		-2.544	2.252	4.322	
-0.441					1.224		
-0.502	3.071		3.213		1.174		
-0.529				-4.592	2.437	3.304	
-0.418	3.694	0.69		-2.062	2.424	4.461	
-0.621				-7.077	2.881	4.3	3.592
-0.506	9.606		22.12	-9.143		-4.392	
-0.59			18.028	-19.517	2.333		-2.375
-0.433		0.741	1.485	-6.134	2.214	3.494	
-0.394	4.915	0.899	-0.978		2.199	4.738	
-0.475	-5.638		6.399	-13.142	1.936	0.393	
-0.383					1.034	-1.916	2.254
-0.427					1.247	-0.297	
-0.484	-6.355	-0.075	6.883	-13.882	1.884		
-0.461	15.721	0.373	16.913			-2.211	
-0.71	16.825			9.552	2.797	7.8	-2.388
-0.565		-0.411			1.346		
-0.509			20.666	-14.977		-9.977	3.641
-0.503					1.383		
-0.423			-1.632		1.392		1.626
-0.425			-0.352		1.317		
-0.41	1.791	0.395			1.38		1.571
-0.792	4.384	-1.179	5.196		1.419		
-0.582	16.181	0.493	10.633	4.121	1.176	-0.372	
-0.384					1.203	-1.049	
-0.495				-2.921	2.054	2.389	
-0.667	0.174	-0.97			1.804		
-0.436	-7.189	0.283	6.877	-16.351	2.241	1.16	
-0.505	2.907				1.562		4.265
-0.493	9.463			7.436	1.251		1.639
-0.79	9.75		20.795	-10.38	1.406	-4.631	1.545
-0.846	9.767	-0.511	4.353		2.668	5.353	
-0.676	6.9				2.877	6.488	
-0.55	14.78		16.915			-3.01	
-0.633		-0.996	0.141		1.549		
-0.661		-0.989		-0.104	1.753		
-0.648	10.179			4.201	2.491	5.447	
-0.444	4.857				2.114	3.942	
-0.421		0.865		-6.622	2.766	4.901	
-0.542			5.074	-5.758	1.426		1.703
-0.654		-1.005			1.684	-0.015	
-0.397	5.57	0.814	-0.501		2.338	4.828	
-0.508			19.179	-14.294		-8.974	4.729
-0.514	-1.347			-5.8	2.39	3.286	

-0.745	4.569	-1.113	5.923		1.368		-1.367
-0.356	12.574	0.637	12.053				
-0.48		0.09	3.513	-5.475	1.82	1.408	
-0.401	-4.8			-6.357	1.732		1.388
-0.478					1.212	0.509	
-0.534				-5.198	2.554	4.097	-0.299
-0.476		-0.389	19.803	-13.67		-7.21	
-0.417	4.777	0.838			1.909	3.925	
-0.452	11.403			9.951	1.203		
-0.61	5.922	-0.734		6.371	1.147		
-0.441	6.144	0.603	20.404	-10.325		-8.45	3.562
-0.406	7.612	1.105			2.642	5.697	
-0.383		0.738	20.711	-16.713		-9.687	5.714
-0.434	11.534		11.131				
-0.92		-1.369	9.398	-8.988	1.895		0.648
-0.686	-7.319	-0.759	13.226	-19.948	2.201		-1.819
-0.437		0.618		-4.582	2.22	3.29	0.246
-0.548	14.434		19.288	-2.58		-3.411	
-0.451					1.163		-0.541
-0.532				-5.124	2.475	3.956	
-0.465				-0.215	1.167		
-0.461			-0.237		1.173		
-0.332				2.658		-4.698	3.328
-0.508	13.489	1.229	2.116		3.637	10.693	-2.531
-0.465	0.178				1.139		
-0.439		0.589		-4.572	2.261	3.352	
-0.473				-2.37	1.869	1.401	0.56
-0.632	5.687				2.459	4.296	1.701
-0.511			-0.433	-4.278	2.351	3.576	
-0.393			-1.018		1.416		
-0.402					1.095		-0.102
-0.45		0.627		-5.103	2.393	3.866	
-0.427					0.971		
-0.971	62.13			49.211	4.16	22.229	-21.715
-0.519	4.675		19.435	-9.862		-8.118	2.667
-0.651		-1.245	3.183		0.871	-2.354	
-0.407		0.364		-1.699	1.421		1.513
-0.454					1.066	-0.102	
-0.406			21.059	-15.343		-7.311	
-0.472	11.73	1.298	1.342		3.263	9.741	-2.171
-0.499		-0.362	24.708	-19.358		-6.148	
-0.435		0.518		-5.362	2.557	4.085	
-0.567		-0.689	0.449		1.331		
-0.494	0.587	-0.256			1.426		0.736
-0.443		0.002			1.008		
-0.424		0.432		-4.32	2.263	2.897	0.456
-0.419		0.295	20.754	-15.655		-9.025	3.286
-0.458	10.977			12.229			

-0.45	1.071				1.428		1.09
-0.558	7.45	0.465			2.867	6.265	
-0.473			-0.506		1.152		0.78
-0.508	17.544	0.222	19.164			-2.778	
-0.526	7.799			8.235	0.928		
-0.514	15.142	0.42	18.673			-6.422	0.817
-0.48				-0.409	1.139		0.659
-0.562		-0.623			1.439	0.344	
-0.679	7.496				3.266	8.182	-2.645
-0.51	16.149	0.453	19.824			-6.322	
-0.486		-0.235		-0.66	1.452		0.787
-0.512	15.152	0.373	19.746	-0.766		-6.315	
-0.533					1.308		
-0.575	34.329		13.666	22.639			-6.774
-0.535		-0.512			1.385		0.336
-0.479	0.334				1.095		0.626
-0.583			21.018	-18.829	1.281	-5.487	0.798
-0.594	11.337			5.659	2.31	4.067	
-0.364			3.561			-6.097	3.537
-0.393			2.482		0.333	-4.579	2.879
-0.471	7.624	0.93			2.747	6.441	-0.76
-0.457	1.719			1.157	1.268		0.813
-0.516		0.279	13.403	-13.931	1.821		-2.286
-0.456	8.283	1.023			2.951	7.525	-1.861
-0.461			-1.687		1.314		3.429
-0.492			0.512		1.155		
-0.49	2.741				1.743	1.065	1.036
-0.448					0.943	-1.097	2.819
-0.6	10.965	-0.564	14.721			-3.833	
-0.478			20.235	-16.213		-4.683	
-0.445				-0.983	1.441		1.043
-0.579				-4.498	2.166	2.193	3.844
-0.548	4.142				2.145	3.056	
-0.47	1.861				1.482		1.678
-0.466	1.68				1.469		1.388
-0.482	11.105	1.218		1.136	3.193	9.087	-1.694
-0.408	1.237				1.579		
-0.387		-0.063	3.644			-5.803	3.187
-0.382			3.433			-5.652	3.396
-0.459	6.476	0.838			2.437	5.071	
-0.583		-0.735		0.406	1.4		
-0.47	9.74	1.212			3.181	8.702	-1.484
-0.436	-6.093			-7.488	1.647		1.223
-0.497		-0.371			1.296	-0.479	0.816
-0.502	3.578				2.037	2.23	
-0.542	0.228				1.458		
-0.392			-1.664		1.441		1.714
-0.507	3.408	-0.061	1.732		1.598	1.433	

-0.669				-7.148	3.242	6.821	
-0.492				-3.111	2.156	2.175	
-0.585	-0.373	-0.737			1.439		
-0.553	12.825		19.117	-1.835		-6.428	
-0.571	13.686		17.854			-6.373	0.565
-0.45			20.931	-16.41		-4.957	
-0.436			12.673	-7.986		-6.147	1.185
-0.467					0.977	-0.251	0.698
-0.396	1.827	0.289			1.462		1.618
-0.306			4.162			-4.925	
-0.536				-0.196	1.441		
-0.451		-0.184	14.871	-9.387		-6.531	
-0.451		0.363		-4.7	2.466	3.367	
-0.499	-11.437		6.568	-18.952	2.024		
-0.522	17.784	1.56	4.727		4.307	13.982	-7.339
-0.484		0.466		-5.888	2.381	3.322	3.479
-0.414	11.493	0.52		9.412	1.021		1.839
-0.459	21.829			21.639			
-0.505					1.221	0.104	
-0.489	4.137		-1.592		2.509	4.501	
-0.543		-0.376	16.356	-11.308		-7.586	3.608
-0.544	6.471	-0.209	16.688	-5.64		-6.608	1.801
-0.553		-0.552			1.509		
-0.505		0.138		-4.523	2.527	3.297	
-0.488	8.374	0.826			2.93	6.852	
-0.411					0.761	-3.02	5.254
-0.384		0.219			0.925	-1.872	2.223
-0.55	10.885			7.585	1.719	2.681	
-0.402				-1.188	1.605		
-0.46		-0.073	11.848	-7.399		-6.285	2.126
-0.537			14.25	-13.503	1.576	-1.35	-2.115
-0.51			0.089		1.221		
-0.494	3.996				2.134	2.366	0.648
-0.446	12.527	0.802		6.065	2.241	4.935	
-0.515	12.611	0.32	15.632			-6.301	2.69
-0.546	12.485	-0.049	16.512			-5.675	0.361
-0.548	12.801	-0.052	17.174	-0.221		-5.679	
-0.374			2.725			-5.752	5.595
-0.534	12.206		16.583	-0.415		-5.572	0.338
-0.505	6.867	0.55			2.768	5.938	-0.807
-0.396	1.223	0.267			1.475		
-0.489	7.71	0.857		-1.014	3.032	7.226	
-0.395	20.104	0.659	12.592	6.64			
-0.497	13.026	0.236	11.311	4.007		-4.347	1.843
-1.23	72.893		7.789	48.882	5.595	28.725	-29.658
-0.469		-0.107			0.95		0.505
-0.444				-1.208	1.376	-0.54	1.616
-0.458				-1.584	1.496		1.335

-0.461				-1.772	1.519		1.632
-0.563	6.135				2.702	4.598	
-0.55	6.933			1.29	2.532	4.114	
-0.463	9.305	1.002	0.27		2.95	7.622	
-0.452	5.576			3.634	1.427		1.623
-0.466	8.827	0.942			2.986	7.497	-0.339
-0.318	-2.751					-4.628	3.25
-0.449					0.893		0.566
-0.392		0.253		-1.753	1.522		1.567
-0.606	16.357		19.67	1.228		-6.686	-0.531
-0.504		0.237	11.006	-10.738	1.347	-1.574	
-0.509		0.832	5.364	-11.745	2.901	5.626	-1.489
-0.484		-0.319	-0.555		1.382		0.81
-0.566	21.51	0.166	17.376	7.643		-4.473	-2.193
-0.421					0.952	-2.048	2.603
-0.519	-4.493			-7.415	1.75		5.562
-0.512				0.379	1.284		
-0.418					1.001	-1.811	2.09
-0.425					1.116	-0.853	1.284
-0.446	0.971				1.461		
-0.511	3.107		-2.488		2.414	4.425	
-0.511	0.328	-0.381			1.515		
-0.579	8.433				3.202	7.577	-1.397
-0.52			2.218	-2.175	1.157		
-0.413	-5.347			-6.309	1.648		
-0.431			-0.063		1.142	-0.577	1.082
-0.528	-11.55			-15.38	2.116		7.454
-0.463	3.5			3.424	1.155		
-0.514	-0.34				1.325		
-0.585		-0.909	18.45	-12.359		-5.987	
-0.469	8.032	0.832			2.93	6.84	-0.854
-0.404	11.869		11.505				
-0.578	2.736			-4.279	3.073	5.527	
-0.522		0.344	10.916	-12.043	1.684	-0.148	-0.133
-0.363	22.677	0.73	7.903	13.716			
-0.517	12.045		17.106	-2.224		-3.37	
-0.381		0.168	21.877	-16.111		-7.959	
-0.462	9.377	0.959		0.555	3.048	7.767	-1.181
-0.486	20.339		11.8	7.728			
-0.259	-46.393		19.865	-59.448		-17.22	19.266
-0.494	-6.62	0.119		-10.1	1.875		6.341
-0.597		-0.392		-1.712	1.521		3.899
-0.394	3.137		4.19				
-0.528	21.581		7.418	13.933			
-0.485	10.114	-0.51		11.501			
-0.531	-5.788			-9.93	2.093	0.775	5.888
-0.438			-0.562		1.276		0.908
-0.512				-2.373	1.522		4.365

-0.488	19.226		6.707	12.653			
-0.507		-0.388		-0.322	1.511		
-0.488	5.082	0.162		1.759	1.878	2.76	
-0.457				-3.116	2.026	1.536	0.887
-0.503	15.438			14.529	0.867		
-0.393		0.247		-1.158	1.489		
-0.577	4.671				2.266	4.348	-0.851
-0.463	4.877	0.438			2.249	3.79	
-0.38	9.505			10.982		-3.747	3.166
-0.608	1.314	-0.48			1.437		3.297
-0.509		-0.456			1.423	-0.208	
-0.548	0.445				1.736		
-0.508	2.103				1.415		3.766
-0.441				-0.882	1.451		
-0.462				-2.525	1.887	1.321	
-0.392	13.504	0.434		12.038	1.02		
-0.439			-3.337		1.816	1.944	1.07
-0.365			-1.467		1.335		1.648
-0.375							1.072
-0.55				-6.355	3.009	4.947	
-0.52	1.369		1.531		1.058		
-0.453	5.557	1.001		-1.776	2.594	6.029	
-0.419			-2.864		1.818	1.869	
-0.499	0.458			-4.533	2.58	3.664	0.045
-0.364	13.375	0.601	12.841				
-0.379		0.347	-1.657		1.303		1.746
-0.504	2.452		1.79		1.197		1.82
-0.465	16.641	1.021		8.911	2.353	6.295	-0.471
-0.366			2.173		0.452	-4.274	2.878
-0.43		0.279		-2.884	1.499		4.667
-0.436	15.328	1.026		8.195	2.21	5.411	
-0.442	15.855	0.893		9.817	1.936	4.48	
-0.505		-0.468	-0.153		1.412		
-0.446					1.068		0.824
-0.519		-0.597			1.293		0.28
-0.447	0.449				1.414		
-0.515			0.546	-3.398	1.882	2.217	
-0.517	1.035			-1.944	1.861	2.377	
-0.525				-3.622	2.157	2.691	
-0.361		-0.174	3.785			-5.949	3.269
-0.569				-5.052	2.259	2.022	4.456
-0.424	6.762	1.041	-0.592		2.48	6.113	
-0.518	2.408		-0.606		1.793	2.496	
-0.396		1.023	1.413	-7.541	2.535	4.564	
-0.507				-2.858	1.893	2.17	
-0.551	7.73				2.837	6.543	
-0.633		-1.518	5.978			-4.431	
-0.309					0.616		

-0.445				-0.364	1.394		
-0.538				-0.377	1.687		
-0.47		0.799	2.757	-8.338	2.478	4.368	
-0.363						-3.432	7.644
-0.517				-3.204	1.996	2.448	0.027
-0.599	15.189			11.176	1.671	3.038	
-0.422					1.186	-0.695	
-0.353			3.564			-5.386	2.974
-0.441	2.805	0.316			1.431		4.185
-0.525	2.779				1.694	2.411	
-0.401	2.586	1.001		-3.799	2.473	4.922	
-0.36	2.407	0.602			1.44		2.017
-0.448	7.544	1.088			2.489	6.384	
-0.799	32.635			23.398	3.274	12.785	-9.044
-0.365					1.221	-1.029	
-0.479			-1.629		1.629	1.784	
-0.575		-1.207	5.519	-0.364		-3.623	
-0.576	0.254	-1.207	5.366			-3.576	
-0.515	11.969			10.425	1.031		1.354
-0.606		-1.37	5.479			-3.848	
-0.444			-1.221		1.317		1.313
-0.58		-1.247	5.242			-3.722	0.045
-0.643	21.181	1.234	8.867		4.521	15.195	-11.087
-0.422	2.536	0.844	0.261	-3.103	2.24	4.193	
-0.441			-0.06		1.251		
-0.4	8.026		8.342				
-0.441					1.226	-0.01	
-0.304				2.62		-4.638	3.361
-0.396			-2.829		1.733	1.339	1.339
-0.432			-0.611		1.305		
-0.467	19.691			19.205			1.046
-0.516	8.863	-0.084	22.594	-10.089		-4.663	
-0.368		0.117			0.992	-1.904	2.28
-0.597		-0.647			1.158	-1.124	3.348
-0.386	-4.335			-5.379	1.724		
-0.693		-1.017			1.389		2.02
-0.548		-0.416			1.25	0.14	
-0.504	15.806	0.309	17.331			-2.53	
-0.551				-4.49	2.589	4.529	-1.065
-0.408	5.107	0.945	-1.091		2.289	4.959	
-0.426			0.32		1.16	-0.529	
-0.551		-0.417	0.158		1.22		
-0.719	15.428			7.733	2.995	8.5	-2.783
-0.434	9.241		9.197				
-0.365			1.385		0.867	-2.397	
-0.474	-5.596	0.026	6.372	-13.171	1.954	0.468	
-0.506	-4.938		2.47	-10.651	2.248	2.173	
-0.475	15.908	0.377	17.302	-0.146		-2.298	

-0.418	2.011	0.426			1.354		2.173
-0.679	16.468	0.145		8.903	2.828	7.951	-2.314
-0.373			-1.011		1.446		
-0.37				-1.292	1.301		1.41
-0.565		-0.396			1.345		
-0.567	0.024	-0.404			1.363		
-0.564		-0.413		0.011	1.338		
-0.795	50.57	0.605		37.564	4.033	19.694	-16.99
-0.483	8.612			7.595	1.104		1.088
-0.367		0.133			1.164	-1.028	
-0.497			0.057		1.336		
-0.501					1.37	0.017	
-0.473	7.115			8.245			
-0.421			-1.601		1.393		1.544
-0.507	11.888			8.769	1.611	1.599	
-0.297	18.266	0.693		16.624			2.046
-0.377	-4.176	0.228		-5.755	1.642		1.466
-0.535	3.948				1.859	1.184	3.685
-0.481	10.306			8.462	1.228		1.098
-0.875	56.148			45.706	3.36	17.503	-17.241
-0.437		0.402	19.755	-15.451		-9.182	5.322
-0.494		0.658		-8.061	3.259	6.684	
-0.39	-2.199		-3.747		1.335		1.865
-0.489	16.385			17.375			
-0.769	4.132	-1.109	4.825		1.405		0.149
-0.583			2.242	-8.354	2.914	5.251	-1.118
-0.381			2.62			-2.273	1.054
-0.493		0.015		-2.975	2.064	2.428	
-0.506	9.797			7.291	1.383	0.529	1.433
-0.357	11.846	0.671	11.33				
-0.556	16.341		15.762	2.43		-2.667	
-0.342	19.802	0.717	7.533	11.027			0.896
-0.438	21.32		7.138	13.29			
-0.405		0.89		-6.135	2.577	4.445	0.189
-0.668	8.08			1.444	2.756	6.212	
-0.728	6.967	-0.162			2.961	6.692	
-0.693	7.298				2.997	6.965	-0.213
-0.393	27.639	0.655	13.359	14.236			-3.233
-0.33					1.103		-1.571
-0.335	19.11			18.314			
-0.454			-1.101		1.397	0.663	
-0.46	4.032				1.662	3.452	
-0.427			-2.584		1.445		4.144
-0.327							1.193
-0.507	15.411	1.344	3.405		3.934	12.07	-4.751
-0.53	3.484			3.724	1.007		
-0.436	9.587			8.175	1.281		
-0.413		0.859		-6.255	2.654	4.602	

-0.426					1.158		-0.743
-0.373		0.504	-2.967		1.592	1.46	1.393
-0.367		0.222	-1.011		1.365		
-0.635	10.461	0.13		3.968	2.576	5.859	
-0.372	13.898	0.719	13.21				
-0.339				2.24		-4.522	4.068
-0.464	25.257			25.997			-2.253
-0.418		0.883		-6.569	2.733	4.891	
-0.511				-4.758	2.505	3.882	-0.892
-0.525	8.853	1.241	3.704	-4.983	3.472	9.54	-2.506
-0.522	18.623			19.279			
-0.372	12.664	0.67	12.092				0.065
-0.419	8.965			9.93			0.336
-0.37	-4.579	0.392		-5.967	1.44		1.366
-0.359		0.556		-2.284	1.506		1.93
-0.471	15.279	1.331		4.173	3.54	10.957	-4.031
-0.5	-1.775			-5.83	2.298	2.918	
-0.433	8.42		1.662	7.952			
-0.511	-1.517			-5.858	2.361	3.166	0.046
-0.597	49.194	0.878	18.103	32.077			-9.222
-0.499					1.083	0.335	
-0.421	9.329			10.435			
-0.562	4.417	-0.538		4.536	1.197		0.268
-0.698		-1.194	1.052		1.371		
-0.457	5.571	0.434	20.083	-10.309		-8.272	3.249
-0.625	7.62	-0.754		8.045	1.102		
-0.467			-1.546		1.417	0.785	0.812
-0.325		0.473	-1.574		1.247		1.824
-0.416	8.165	1.15			2.751	6.234	
-0.42	10.674		10.305				
-0.468		-0.349	20.088	-13.969		-7.283	
-0.444	19.679			19.852			
-0.417	8.15	1.137			2.779	6.343	-0.275
-0.954	54.679	0.769	7.913	31.215	5.243	24.253	-22.564
-0.345					0.599		
-0.418	3.627	0.667	20.495	-12.95		-8.973	4.551
-0.606	5.84	-0.72		6.276	1.149		
-0.427		0.515		-3.53	1.935	2.082	0.71
-0.575		-0.86	2.205		0.933	-1.861	0.395
-0.715		-1.152			1.624	1.056	
-0.457	-1.234			-1.606	1.284		
-0.44	12.018		11.625				-0.079
-0.449		0.115		-0.276	1.164		
-0.445		0.101	-0.291		1.168		
-0.46				-0.12	1.189		-0.322
-0.608		-0.975	2.021		1.052	-1.331	
-0.322	-1.671					-4.823	6.594
-0.459	0.087				1.179		-0.375

-0.45	0.226	0.106			1.131		
-0.457			-0.121		1.183		-0.316
-0.441		0.633		-4.695	2.222	3.327	0.456
-0.446					1.168	0.065	-0.69
-0.351				1.628		-4.858	6.511
-0.449		0.013			1.158		-0.543
-0.532			0.023	-5.159	2.478	3.967	
-0.368	16.913			15.537			1.802
-0.463			-0.108	-0.119	1.172		
-0.464	-2.735			-3.56	1.375		0.888
-0.459	-0.047		-0.293		1.177		
-0.593	6.299	0.22			2.548	4.905	1.34
-0.427	2.741		5.02			-1.167	
-0.483	11.91			11.406	0.939		
-0.278	20.71	0.59		19.74			
-0.332				2.658		-4.697	3.328
-0.441	11.036			11.823		0.446	
-0.646				-6.313	2.789	4.859	2.388
-0.31		0.071		2.382		-4.284	3.165
-0.445	19.292			20.257		-1.39	
-0.46		0.113		-2.771	1.942	1.7	0.552
-0.468		1.321	6.274	-15.523	3.605	7.929	-1.876
-0.415		0.393		-1.912	1.406		2.097
-0.49	22.537		3.915	18.249			
-0.439		0.58		-4.502	2.247	3.282	
-0.288	-2.759					-4.63	3.312
-0.437					0.857	-1.996	4.058
-0.349		0.699	-1.518		1.1		1.777
-0.434		-0.041			0.985		
-0.404	8.332	0.404		6.32	1.196		1.782
-0.612		-1.069	2.826		0.892	-2.143	
-0.452	27.709		14.408	13.775			-4.337
-0.623	-46.372	-1.689	13.577	-51.359		-15.078	17.094
-0.361	-1.339		-2.918		1.391		1.855
-0.445		0.192	-0.683		1.135		0.969
-0.512	12.213	1.282	1.596		3.38	10.036	-2.367
-0.356				2.395		-2.478	1.662
-0.447		0.045			1.055	-0.116	
-0.464	-8.609		3.098	-12.892	1.807		0.681
-0.607		-0.87	0.806		1.337		-0.317
-0.513			0.248		1.112		
-0.456		0.175		-0.542	1.122		0.795
-0.342			4.084			-4.523	
-0.432		0.505		-5.164	2.498	3.861	0.089
-0.528		-0.32	-1.489		1.397		3.239
-0.355			-0.847		1.348		
-0.46	-8.91		3.885	-13.732	1.844		
-0.319						-0.978	1.961

-0.362		0.252	-1.676		1.368		1.788
-0.483	0.74	-0.193			1.434		0.841
-0.595	37.179		14.336	24.974			-7.733
-0.458			-0.928		1.134	-0.587	3.404
-0.465	-0.292		-0.901		1.176		0.894
-0.471			-0.628	0.103	1.152		0.808
-0.457	18.862		12.187	5.968			
-0.397						-1.494	5.54
-0.444	17.641			17.643			0.819
-0.511	15.433	-0.556		16.536			
-0.405	21.939	0.298		21.556			
-0.339		-0.26	4.733			-5.578	
-0.527	8.105			8.538	0.917		
-0.462	0.419	0.136			1.072		0.723
-0.856		-0.686		-6.783	3.406	7.089	
-0.387	1.232	0.191			1.531		
-0.368	-1.832		-2.688		1.357		
-0.509	-6.915		4.84	-12.292	1.678		
-0.509	15.545	0.486	19.027			-6.499	0.783
-0.581	9.036	-1.057		12.145		-1.508	
-0.386			-2.458		1.775	1.465	
-0.329		0.528		-1.442	1.233		1.594
-0.372			3.366			-6.196	4.15
-0.378			2.823		0.232	-5.221	3.232
-0.462	21.623	0.476	10.354	10.677			
-0.353	-2.332					-4.822	4.729
-0.505		-0.337		-0.409	1.429		0.614
-0.466			-1.449		1.273		3.244
-0.481	-11.096	0.254	7.091	-19.148	1.976		
-0.571		-0.658			1.46	0.438	-0.097
-0.626	7.343	0.167			3.125	7.672	-2.216
-0.611	8.73	-0.649	16.853	-3.651		-4.633	
-0.461	9.426	1.16			3.211	8.574	-2.114
-0.53				0.052	1.27		
-0.534	0.004				1.311		
-0.512	3.264				1.95	2.165	
-0.544	14.675	1.476	6.87	-4.581	4.351	13.393	-7.507
-0.367		0.394	-2.512		1.663	1.514	
-0.47	7.889	0.949			2.863	6.901	-1.345
-0.506	2.954				1.812	1.544	0.713
-0.509	15.831	0.445	19.939	-0.383		-6.359	
-0.562	33.928	0.06	13.617	22.159			-6.541
-0.359		0.027	3.51			-6.066	3.556
-0.395			2.452		0.326	-4.601	3.02
-0.39		0.03	2.332		0.363	-4.413	2.843
-0.378			5.079	-4.093			
-0.359				-0.798	1.327		
-0.517		0.297	13.347	-14.1	1.883	0.263	-2.393

-0.299					0.677		
-0.486		-0.062	20.409	-16.278		-4.806	
-0.478			20.991	-16.928		-4.81	
-0.375	19.025	0.613	12.758	5.475			
-0.604	8.558				3.059	8.047	-1.798
-0.49	2.727				1.735	1.033	1.086
-0.402			-0.78		1.206		
-0.423			6.456	-3.693		-1.688	
-0.378						-2.398	5.142
-0.718	15.534		8.517		3.599	10.632	-10.719
-0.439	1.749		2.739				
-0.559		0.103		-4.754	2.2	2.392	3.793
-0.471	1.772				1.469		1.591
-0.618		-0.883		0.602	1.4		
-0.388		-0.053	3.563			-5.778	3.343
-0.482	11.143	1.215		1.184	3.19	9.086	-1.7
-0.325	15.441			16.6		-2.207	
-0.547	5.855		-1.399		2.873	5.907	
-0.456		-0.138	13.32	-8.254		-6.494	0.98
-0.5		-0.815	5.057			-5.558	1.83
-0.464	11.571	0.483		6.708	1.915	3.836	
-0.395			1.378		0.427	-4.369	5.254
-0.39			-2.387		1.327		4.118
-0.412	-5.903			-7.276	1.566		1.389
-0.509		0.81	7.161	-13.427	3.112	6.161	-3.375
-0.379			3.017			-2.232	
-0.337	-89.611	-1.173	17.749	-97.234		-24.64	32.266
-0.477		0.124		-3.543	2.233	2.495	
-0.419	16.464		17.476				-4.281
-0.384		0.165		-1.18	1.56		
-0.605	-0.497	-0.828			1.442		
-0.456	19.952		7.969	10.919			0.654
-0.299			4.143			-4.893	
-0.463		0.024			0.968	-0.264	0.719
-0.473	11.413	0.85		3.59	2.641	6.275	
-0.47	7.047	0.71			2.533	5.152	1.242
-0.507			-0.529		1.387	0.476	
-0.467	13.555	0.914		5.531	2.646	6.678	-0.663
-0.332							
-0.527	5.592		-1.215		2.806	5.673	-0.501
-0.323	11.831	0.387		12.275		-2.511	2.827
-0.421			-1.294		1.166		1.439
-0.499	2.338	0.579		-4.597	2.626	4.598	2.61
-0.384	-4.462	0.275		-5.438	1.56		
-0.409	12.002	0.512		10.021	1.013		1.527
-0.389		0.229			0.864	-2.071	2.777
-0.402	11.047	0.561		8.839	1.057		1.926
-0.333	-2.589					-2.967	2.001

-0.504		0.476		-6.355	2.524	3.75	3.468
-0.364		0.272			0.894	-2.117	2.474
-0.548	4.414				2.372	4.388	-2.055
-0.5	6.41			2.583	1.978	2.092	0.81
-0.397		-0.144	3.032			-6.113	5.61
-0.069	-82.852		13.974	-89.402		-21.815	30.604
-0.376			0.403				0.79
-0.373		0.103			0.709	-2.81	4.928
-0.379			2.714			-5.428	5.309
-0.543	2.922	-0.299	16.478	-8.736		-7.139	2.82
-0.434		1.32	3.532	-12.273	3.209	6.793	
-0.428	13.004			14.095		-2.663	2.401
-0.336		0.29					1.158
-0.363			0.709				
-0.37				0.324			0.892
-0.454	20.497	1.131		11.677	2.689	8.087	-2.7
-0.445	15.595	0.301		14.523	0.839		
-0.408	1.114	0.228			1.453		
-0.299							
-0.481		-0.9		4.152		-3.7	1.375
-0.3	-15.277			-12.996		-6.192	9.789
-0.57	12.591	-0.872		14.514			-0.512
-0.428	4.034		5.255				
-0.461	11.297		12.057				-0.844
-0.342		0.561	-0.863		1.167		
-0.449				-1.176	1.326	-0.72	2.022
-0.468		-0.122			0.946		0.51
-0.339							1.245
-0.448				-1.214	1.382	-0.451	1.535
-0.462				-1.675	1.501		1.528
-0.561	6.638			0.617	2.65	4.479	
-0.417			1.06				
-0.528	6.824				2.997	6.957	-3.833
-0.309	-2.748					-4.803	3.412
-0.353	8.035			9.665		-3.845	3.209
-0.42	3.932		5.27				-0.365
-0.548	11.644	-0.759		13.27			
-0.479	2.144		-2.559		2.211	3.593	
-0.315	-2.705	0.024				-4.572	3.237
-0.353		0.379	-2.638		1.576	1.082	1.528
-0.367	-0.244						0.948
-0.409			0.917		0.853	-2.014	1.7
-0.522	-7.95			-11.139	1.893		6.319
-0.373			-5.04	3.456	1.167		2.085
-0.388							1.604
-0.404	2.91	-0.164	4.003				
-0.511	21.339		5.542	15.38			0.372
-0.557	-3.534	-0.164		-6.191	1.728		5.253

-0.35				0.633			
-0.421					0.952	-2.051	2.607
-0.561	-10.526			-15.401	2.414	1.168	6.915
-0.387	22.801	0.636	6.938	14.966			
-0.37	16.133	0.582	16.666				-3.212
-0.525		-0.072	2.03	-1.97	1.162		
-0.502	2.738		-2.582		2.339	4.122	0.132
-0.569	8.187				3.175	7.43	-1.66
-0.356							1.117
-0.507	22.548			21.725		1.289	
-0.42	12.902		12.527				-0.113
-0.535	15.488			13.411	1.163	1.093	
-0.349	-1.503	0.453	-3.106		1.232		1.945
-0.431			-3.745		1.733	1.323	3.801
-0.41	12.147		11.76				
-0.399			1.442				
-0.501	-10.536	0.053		-14.172	2.014		7.027
-0.48	19.695		5.76	13.99			
-0.604	5.921		0.885		2.357	4.987	-1.332
-0.498	17.373			16.891	0.762		-0.813
-0.451	10.004		10.467				
-0.495	10.707	-0.555	-0.433	12.554			
-0.346	21.823	0.725	7.438	13.37			
-0.525		-0.135		-2.087	1.491		4.088
-0.293					0.649		
-0.47				-2.07	1.752	1.119	
-0.26	-45.865	0.01	19.863	-58.952		-17.125	19.105
-0.494	19.244		7.349	12.106			-0.131
-0.409		0.195		-1.005	1.45		
-0.34		0.539	-2.603		1.213		4.613
-0.357			-2.661	1.124	1.311		1.83
-0.481	19.312	0.059	7.091	12.296			
-0.349	3.302	0.802			1.409		3.736
-0.427			3.277	-2.318			
-0.363					1.045		-1.442
-0.287		0.431			0.516		
-0.592	6.166			1.245	2.281	4.772	-1.087
-0.372	11.156	0.433	10.982				
-0.572			2.826	-6.895	2.363	3.664	-0.957
-0.397				-0.583	1.055		
-0.504			-2.46		1.731	2.273	
-0.326		0.256				-3.265	7.221
-0.306							1.284
-0.568	1.736	-0.278			1.445		3.582
-0.432	5.229	1.178		-3.194	2.866	6.802	
-0.38	9.512			10.989		-3.746	3.162
-0.379				2.399		-1.806	
-0.369							

-0.532	1.099	-0.151	1.273		1.088		
-0.405				1.87		-1.684	1.208
-0.388	19.374	0.416		18.397			1.478
-0.474	19.605			19.412		0.994	
-0.372						0.087	1.012
-0.431			-3.16		1.813	1.909	0.689
-0.403			1.773			-2.325	3.429
-0.462	4.026	0.976	1.157	-4.126	2.594	5.718	
-0.393	13.994	0.451		12.518	0.995		
-0.387	-2.146					-2.218	1.529
-0.562		-1.221	5.865			-4.876	
-0.381	-1.693					-2.94	4.692
-0.424	5.059			5.987			
-0.353	12.708	0.605	12.198				
-0.551	12.655			12.838	0.699		
-0.34		0.611		-0.759	1.08		
-0.382		0.365	-1.792		1.292		2.113
-0.361	13.163	0.602	12.624				0.035
-0.385		0.325	-1.589		1.297		1.687
-0.376		-0.105	2.676		0.355	-4.833	3.001
-0.29		0.164			0.582		
-0.579		-1.12	4.209			-3.478	1.893
-0.352		0.75		-1.277	0.993		1.523
-0.451	16.12	1.065		8.285	2.385	6.265	-0.367
-0.43	15.403	0.98		8.824	2.077	4.883	
-0.389				1.542		-2.475	4.099
-0.34	0.564				1.11		
-0.342							1.932
-0.344	-0.544						
-0.497				-2.78	1.958	2.251	-0.59
-0.403			1.244		0.885	-1.921	
-0.269		0.52					
-0.274		0.444				-1.091	2.129
-0.325				2.677		-4.071	2.829
-0.373						-3.083	7.336
-0.522			0.705	-3.717	1.929	2.363	
-0.358			-3.397	2.58	1.221		
-0.515	0.237		0.433	-3.067	1.874	2.247	
-0.521	1.206			-1.886	1.885	2.489	
-0.438	7.246	1.11	-0.739		2.638	6.622	
-0.675	42.682	0.646		32.216	3.206	14.611	-11.894
-0.52	2.489		-0.588		1.807	2.558	
-0.313	23.723	0.725		22.545			
-0.262				2.792		-3.283	
-0.57	14.097			10.882	1.462	2.022	0.476
-0.395	-1.439		-4.081		1.393		4.676
-0.351	0.994				1.032		1.378
-0.396	0.017	1.023	1.405	-7.518	2.535	4.566	

-0.567			4.446	-10.245	3.12	5.78	-3.49
-0.335		0.853		-3.573	1.54		4.247
-0.436	5.051			5.867			0.378
-0.414		0.046			1.174	-0.707	
-0.616		-1.352	6.712	-1.39		-3.607	
-0.355			0.88		1.005	-1.887	
-0.617	1	-1.331	6.113			-3.395	
-0.753	33.703	0.267		23.697	3.389	13.616	-9.622
-0.357		0.072			1.199	-1.019	
-0.409			1.967			-1.219	
-0.461			-1.059		1.489	1.102	
-0.555	18.933	-0.328		19.61			
-0.465	10.977		11.116				-0.418
-0.461			2.458			-1.367	
-0.331	-21.458		5.955	-23.897		-7.397	10.042
-0.551	2.236	-0.305		2.474	1.084		
-0.291							1.365
-0.438			-1.012		1.315		0.831
-0.385				-1.749	1.294		2.686
-0.633		-0.888	1.16		0.999	-1.758	2.772
-0.586		-1.254	5.974	-0.713		-3.617	-0.138
-0.589	0.583	-1.251	5.74			-3.486	-0.165
-0.593		-1.489		4.903		-2.836	
-0.769	28.468			19.744	3.161	11.587	-7.496
-0.575	-0.366	-1.217	5.715	-0.842		-3.709	
-0.383		0.3	-2.588		1.344		4.254
-0.326		0.437				-2.392	5.057
-0.418	-4.246	-0.739				-4.373	1.994
-0.373	-3.961	0.138		-5.005	1.673		
-0.535		-0.324			1.182	0.233	
-0.416		0.098	-0.658		1.297		
-0.307		-0.023		2.655		-4.681	3.372
-0.411				1.575			
-0.334		0.546	-3.668	2.035	1.11		2.081
-0.453	15.868		17.763				-5.329
-0.332			0.314				0.964
-0.435			1.183				
-0.548	-4		3.583	-11.948	2.607	3.458	-0.691
-0.348	-1.164		-2.038		1.395		
-0.482	6.505	-0.198		7.677			
-0.325		0.371	-0.885		1.284		
-0.522	36.694		16.385	21.414			-7.324
-0.642		-0.815			1.259	-0.637	2.811
-0.419			1.623			-1.152	0.739
-0.357		0.156	-1.007		1.406		
-0.328		0.412		-0.87	1.282		
-0.55		-0.412	-0.303		1.344	0.354	
-0.508	17.246	0.309	16.222	2.282		-2.205	

-0.33	-0.876	0.362	-2.493		1.301		1.915
-0.583		-0.172		-4.161	2.572	4.459	-1.242
-0.546		-0.373	0.196		1.188		
-0.461	7.239			7.943		0.411	
-0.684		-0.972	-0.125		1.393		2.176
-0.438	9.418		9.377				
-0.375	0.323				0.833		
-0.423	-7.205	0.369	2.76	-11.239	1.663		0.893
-0.363		0.02	1.282		0.886	-2.293	
-0.327	13.076	0.808	12.266				
-0.376		0.786		-4.711	2.17	2.633	0.994
-0.514	-4.864		2.626	-10.934	2.303	2.359	
-0.29	19.177	0.67		17.734			1.409
-0.73	16.073	-0.002		8.185	3.036	8.729	-2.881
-0.328				0.211			1.064
-0.498			0.536		1.221	-0.373	
-0.347			3.899			-3.902	
-0.429	20.294		8.183	11.293			
-0.406		-0.394	4.895			-5.311	
-0.484		-1.054		4.773		-3.732	
-0.343		0.617		-2.18	1.204		3.637
-0.561		-0.394		0.048	1.31		
-0.565	0.006	-0.397			1.35		
-0.516	8.373	-0.179		7.654	1.11		0.863
-0.411		0.333	-2.157		1.461	1.017	1.149
-0.345	-2.559					-2.152	
-0.406		1.037		-7.054	2.7	4.96	0.93
-0.42				-0.974	1.005		1.194
-0.47	6.728		0.237	7.612			
-0.342				2.768		-2.228	
-0.318	0.498						1.51
-0.501	11.218			8.489	1.483	1.051	0.508
-0.301	18.582	0.708		16.918			2.049
-0.354	20.186			19.319			
-0.339	19.169	0.682	8.142	9.871			0.8
-0.311		0.15					1.223
-0.395	21.079	0.648	7.379	12.576			0.799
-0.498	6.416	1.393	4.645	-8.859	3.689	9.69	-2.429
-0.392	-2.222		-3.825		1.333		2.015
-0.426		0.168	-1.31		1.418	0.757	
-0.391	0.674		3.196			-2.004	0.816
-0.32					1.083		-1.46
-0.327	-0.122						1.123
-0.401	5.896			7.48		-0.996	0.826
-0.436	18.338			19.225		-0.954	
-0.294						-0.966	2.011
-0.415	12.82			13.932		-1.993	1.865
-0.346	18.5			17.505			0.595

-0.316					0.995		-1.061
-0.429	-8.028	0.316	4.049	-13.028	1.75		
-0.384			2.929	-0.305		-2.226	0.979
-0.404	-5.234	0.412		-6.934	1.512		2.042
-0.454	23.045			23.68			-1.552
-0.319		0.086			1.07		-1.523
-0.326						-0.106	1.275
-0.345		0.107		2.153		-4.592	4.393
-0.345	13.255	0.785	12.392				0.259
-0.34	-1.297	0.338	-2.177		1.286		
-0.318					0.881	-0.354	
-0.477	4.606				1.8	3.98	
-0.349				2.28		-5.013	4.711
-0.291	18.555	0.435		18.595		-1.096	
-0.416	-3.693	0.303		-4.892	1.423		1.201
-0.705	8.141	-0.1		1.371	2.832	6.429	
-0.45		-0.416	1.125				
-0.328							1.19
-0.377		0.525	-3.119		1.582	1.469	1.785
-0.698	6.918	-0.085			2.917	6.604	-0.096
-0.358					0.694	-0.176	
-0.454			-1.079		1.396	0.658	-0.038
-0.434		-0.051			1.177		-0.752
-0.473	27.891			28.406		0.712	-3.142
-0.542	5.279	-0.737	7.649				-1.455
-0.412		0.846		-6.158	2.634	4.503	
-0.507	-0.48			-5.025	2.451	3.617	-0.706
-0.435	6.927		2.599	5.907		-0.402	
-0.469	25.378	-0.024		26.17			-2.342
-0.423	8.556		0.794	8.815			0.2
-0.602	46.312	0.647	17.123	30.538			-8.931
-0.421	8.7			9.524			0.7
-0.47	-4.093		1.964	-6.567	1.476		
-0.426	8.607		1.073	8.685			
-0.483	-3.121	-0.774				-4.132	4.819
-0.363				1.698		-4.385	5.983
-0.316				-0.435			1.485
-0.321	0.543	0.604			0.881		
-0.481			-6.004		2.622	4.972	
-0.417	8.755			10.055		-0.232	
-0.32		0.288	-2.12		1.575	1.209	
-0.524	4.72	-0.596	6.372				
-0.515	9.244	-0.324		9.178	0.986		
-0.356	-1.757					-4.701	6.571
-0.3							
-0.53		-0.906		3.258		-3.639	3.781
-0.693		-1.192	1.195		1.335	-0.157	
-0.44	-1.288	0.123		-1.732	1.285		

-0.476	-5.07		1.969	-7.856	1.536		0.617
-0.293		0.391					1.342
-0.324		0.464	-1.776	0.193	1.244		1.851
-0.431		0.52		-3.5	1.873	1.875	1.206
-0.455			3.366			-2.171	
-0.331			0.714				
-0.462	19.195	-0.113		19.521			
-0.412	7.994	1.147			2.688	5.951	0.258
-0.443				1.277			
-0.312			-0.445				1.545
-0.352						0.438	
-0.392			9.15	-8.988			
-0.419		-0.424	1.491				
-0.357	16.359			15.017			1.809
-0.302	-2.775					-4.213	2.94
-0.458	-1.474			-1.914	1.299		0.128
-0.341	-3.887			-2.047		-5.321	7.479
-0.563		-0.833	2.443		0.849	-2.265	0.602
-0.474		1.245	7.142	-15.957	3.63	7.924	-2.856
-0.371		0.428	-3.477		1.522	0.977	4.094
-0.449		0.097		-0.225	1.174		-0.14
-0.52		-0.733	4.151			-5.628	4.067
-0.449		0.115	-0.004	-0.273	1.164		
-0.465			0.617	-0.571	1.186		-0.645
-0.757		-0.399		-6.181	2.937	5.239	2.073
-0.414	2.139		4.57			-1.404	
-0.446		0.095	-0.269		1.17		-0.051
-0.451	0.148	0.075			1.162		-0.265
-0.446	0.017	0.102	-0.271		1.166		
-0.309	1.184	0.542			0.977		1.576
-0.332	-1.677	0.009				-4.886	6.655
-0.232		0.696				-4.252	7.153
-0.423	19.904	0.144		20.532		-1.097	
-0.46	0.176		0.152		1.171		-0.486
-0.273		0.258			0.61		
-0.438	18.765		9.345	8.516			0.472
-0.448		-0.01			1.173	0.071	-0.704
-0.313	-0.272						
-0.32		0.069		2.541		-4.639	3.373
-0.435		-0.553		1.683			
-0.343	-19.672	-0.456		-16.388		-7.809	11.368
-0.334		0.056		1.504		-4.584	6.24
-0.587	14.073	-0.894		16.274		-0.887	
-0.294	-2.898	-0.071				-4.797	3.354
-0.39							3.006
-0.308		0.403			0.909		-1.252
-0.351		0.714	-1.606		1.092		2.018
-0.435	-0.333	0.198	-1.139		1.161		1.106

-0.433			0.179		0.81	-2.206	4.099
-0.355						-3.175	6.045
-0.345			-0.364				1.451
-0.444		0.191	-0.787	0.088	1.135		0.993
-0.338	-2.251					-5.334	5.439
-0.359	16.974			18.164		-2.371	
-0.463	-8.607		3.145	-12.91	1.808		0.608
-0.35			-1.378	0.531	1.336		
-0.498	17.224	-0.324		17.78			0.406
-0.331							0.581
-0.318				0.232			
-0.313						-1.094	2.066
-0.331		-0.293	4.767			-5.596	
-0.265		0.327					
-0.406	1.122		1.968				
-0.319						0.241	
-0.494	-8.183	0.16	5.737	-14.6	1.761		
-0.435					0.514		1.042
-0.409	-1.582						
-0.5		-0.46	2.659			-1.494	
-0.43			2.582			-1.161	
-0.33				2.967		-2.922	
-0.401			5.013	-2.161		-1.917	
-0.548	6.771	-0.974		10.091		-2.051	0.388
-0.409		-0.07				-1.501	5.642
-0.389		-0.162	4.739	-3.706			
-0.399			6.267	-5.169			
-0.296							0.575
-0.342	-2.086	0.114				-4.566	4.753
-0.349		0.137	3.001			-6.094	4.595
-0.272		0.647	-0.608				1.75
-0.452	1.477		2.994			-0.505	
-0.381			2.846		0.176	-5.508	3.788
-0.564	8.246	-1.014		11.467		-1.698	
-0.365		0.09	2.451		0.297	-4.874	3.21
-0.414	1.132		1.861				0.344
-0.324			0.193				
-0.383			-3.587	1.124	1.303		4.307
-0.509	3.119				1.896	1.918	0.232
-0.381			4.526	-3.461			
-0.414	15.734		16.395				-3.218
-0.561			5.705	-9.249	2.588	4.218	-3.856
-0.384			5.517	-4.452			-0.108
-0.313		0.399					
-0.318					0.317		1.134
-0.391		0.042	2.235		0.365	-4.378	3.016
-0.688					1.223		
-0.348				-0.26			1.357

-0.405			-0.885		1.197		0.292
-0.328							
-0.483		-0.04	20.842	-16.721		-4.847	
-0.475			-4.09		2.347	3.026	
-0.31	0.669	0.424			1.084		
-0.53	4.539		-2.104		2.619	4.873	1.324
-0.26	-2.577					-2.896	
-0.324				0.61			
-0.378	0.809						3.999
-0.44	1.708	-0.025	2.703				
-0.457	13.462		14.895				-3.02
-0.33		0.442	-2.223	1.36	1.181		
-0.378	13.853	0.293		14.348		-2.26	2.506
-0.349		0.365			0.722	-2.876	4.01
-0.426				0.923			
-0.405	8.764		-3.834	13.416			
-0.333	11.207	0.319		11.943		-2.889	2.975
-0.4		-0.045	1.586		0.391	-4.597	5.292
-0.292			0.156				
-0.322					0.661	-0.809	1.648
-0.347						-0.234	1.395
-0.597	11.655	-0.966	2.538	11.425			-1.036
-0.596	12.586	-0.389		12.744	0.765		
-0.442	-1.271						
-0.452			3.634	-1.805		-0.829	
-0.347	0.185						1.32
-0.291				0.132			
-0.354		0.159	0.246				0.946
-0.48	8.677	0.758		1.248	2.596	5.611	0.882
-0.34	12.525	0.377		13.032		-2.655	2.866
-0.566			9.024	-10.065	1.742		
-0.35	-0.874	0.417	-3.543		1.272		4.757
-0.302		0.506			0.662	-0.298	
-0.348		0.176		0.182			1.023
-0.35		0.234					1.423
-0.381			1.542	-0.777			
-0.279		0.659		-0.522			1.633
-0.406			1.086				
-0.332		0.243					1.167
-0.339							
-0.332		0.357				-0.138	1.274
-0.41	12.058	0.509		10.091	1.01		1.506
-0.384			0.943	-0.456			0.665
-0.293	-0.104						
-0.507	4.528		-1.328		2.658	5.384	-2.053
-0.371			0.504				0.52
-0.574	13.743	-0.951		16.189			-1.708
-0.377			0.422				0.772

-0.372			0.766				
-0.34	-0.076	0.239					1.104
-0.422	7.649			9.414			-1.987
-0.449		-0.733		3.934		-4.055	1.852
-0.427	3.76		4.597				0.895
-0.369			1.003				0.411
-0.339					1.096	0.413	-2.328
-0.298	-10.316			-7.517		-3.938	2.783
-0.358		0.037	0.688				
-0.374				0.387			0.842
-0.302					0.354		1.208
-0.293							
-0.286							1.342
-0.434	0.355	1.32	3.368	-11.786	3.198	6.841	
-0.369				0.333			0.864
-0.299						-0.026	
-0.68	-12.35	-0.609		-15.29	2.171		7.1
-0.302	-17.99			-15.531		-6.972	11.021
-0.566	-5.304	-1.533				-3.055	
-0.403						-0.224	2.082
-0.368				0.779			
-0.454	11.42	0.05	12.094				-0.785
-0.294			-0.375				1.582
-0.294						-0.424	1.665
-0.271	0.652	0.485					1.679
-0.444		-0.669	1.24				
-0.557	10.748	-0.772	1.383	11.058			
-0.334	0.99	0.735			0.734		1.493
-0.45				-1.179	1.33	-0.69	1.983
-0.374							1.476
-0.293	-2.552	0.099				-4.685	3.463
-0.365	15.575	0.571	15.873				-2.482
-0.377	-0.147						1.27
-0.418	21.329	0.409	6.678	14.142			
-0.365	-0.219						0.967
-0.415			5.017	-4.276			
-0.361				0.901			0.587
-0.421		-0.28		2.849		-2.112	
-0.379			1.272				
-0.372			-4.947	3.414	1.171		1.946
-0.209		0.587				-1.947	2.923
-0.345		0.034		0.615			
-0.414	7.85		-3.9	12.167			1.032
-0.355	-1.56	0.483	-3.414		1.214		2.633
-0.296				-0.317			1.513
-0.407	2.608			4.488		-1.12	
-0.287		0.192					1.324
-0.43	-1.697	-0.551					

-0.701		-2.151		5.625		-3.83	
-0.282	0.482	0.665					1.608
-0.363				-0.654			3.542
-0.379	16.084	0.535	16.782				-3.451
-0.42						1.089	
-0.384				-0.313	1.112		-0.865
-0.361			10.03	-9.817			
-0.497	22.882	0.074		21.89		1.432	
-0.424	0.696				0.831		1.155
-0.381			-1.923	3.728		-1.974	1.724
-0.467		-0.591		1.101			
-0.322	-0.514						
-0.418	10.832	0.218	10.997				
-0.282		0.103			0.624		
-0.267		0.505					0.502
-0.273	-5.655		-3.886			-3.114	3.133
-0.6	4.027		1.735	-2.574	2.411	4.721	-1.306
-0.391				2.172		-1.774	0.564
-0.355	-0.098				1.029		-1.62
-0.43		-0.058	3.135	-2.16			
-0.296	0.279						1.494
-0.412						0.785	
-0.34		0.539	-2.602	-0.001	1.213		4.613
-0.496	19.228	-0.014	7.335	12.127			-0.147
-0.258		0.404				-1.071	2.15
-0.287		0.612				-0.523	1.733
-0.305		0.335				-3.545	7.387
-0.296			-3.536	2.938			1.985
-0.498		0.047	-2.634		1.762	2.425	
-0.423		-0.132		2.097		-1.814	1.133
-0.423		0.583	-6.999		2.717	5.969	
-0.38			0.085	2.309		-1.794	
-0.259		0.45					
-0.273		0.455		-0.57			1.641
-0.344		0.681		-0.994	1.036		0.693
-0.406	0.126			1.977		-1.65	1.189
-0.314	-2.663					-2.307	
-0.405	-2.445	-0.145				-2.446	1.493
-0.394	-0.738		1.066			-2.624	3.902
-0.308	-1.419		-1.847				1.711
-0.403			1.756	0.017		-2.327	3.433
-0.378	-2.582		-0.405			-2.377	1.702
-0.362	-0.714						
-0.382	-2.221					-2.246	1.367
-0.349			-0.446				2.961
-0.268		0.258					1.405
-0.265	-0.135	0.463					
-0.328	21.953	0.588		21.659		-0.969	

-0.421	5.047	0.024		5.962			
-0.288							0.877
-0.371				1.244			
-0.265		0.479		0.115			
-0.266		0.483				0.115	
-0.252	-9.494			-6.604		-4.152	2.984
-0.351		1.008		-5.403	2.066	2.112	3.303
-0.267		0.494	0.097				
-0.381		0.374	-1.825		1.293		2.161
-0.612		-1.236	4.974	-0.452		-3.626	1.759
-0.269		0.443	-0.585				1.718
-0.605	-0.366	-1.227	4.135			-3.838	2.155
-0.343	0.712				1.08		0.479
-0.333	-0.501	0.086					
-0.353		-0.078					2.021
-0.455			2.016			-0.867	
-0.462			-6.307		2.739	5.277	
-0.416		-0.133	1.904		0.762	-2.539	
-0.352	-0.731						0.717
-0.328	-0.822	0.27	-1.713		1.333		
-0.388	-1.124		1.301			-1.797	
-0.551	-2.258		4.851	-11.99	2.918	4.696	-2.859
-0.448		-0.236	1.191				
-0.387						1.28	
-0.27		-0.098		2.968		-3.481	
-0.522	0.291		0.571	-3.32	1.92	2.404	
-0.266				2.826		-3.332	
-0.71	50.526	0.707		39.129	3.373	16.689	-14.634
-0.289		0.329			0.823	-0.399	
-0.313	23.655	0.725		22.471			0.027
-0.361		0.415	9.995	-9.896			
-0.296	0.489						1.562
-0.325	-2.565			-2.801			1.399
-0.437	5.062	-0.005		5.883			0.373
-0.39	-3.346	-0.356				-2.802	
-0.543		-1.28		4.811		-3.144	
-0.355		-0.002	0.891		1.003	-1.898	
-0.617	0.03	-1.351	6.697	-1.352		-3.6	
-0.42		-0.072	2.043			-1.254	
-0.407			2.055			-1.237	-0.178
-0.43	-0.772						
-0.463	11.246		-2.315	13.573		1.162	
-0.347							
-0.29		0.261			0.918		-1.03
-0.337		0.573	-3.999	2.141	1.09		2.698
-0.496	7.751	-0.28	-0.918	9.893			
-0.532		-0.93	2.253				
-0.417				1.774		-0.186	

-0.284	-0.254						
-0.587	0.161	-1.253	5.925	-0.531		-3.578	-0.149
-0.623		-0.863	1.3		0.947	-1.996	2.882
-0.407	-4.142	-0.679				-4.459	2.145
-0.34		-0.068	0.376				0.906
-0.351			4.386	-4.553			0.813
-0.441					0.665	-0.542	1.315
-0.294				-0.429			1.54
-0.48	6.565	-0.183		7.682		0.05	
-0.299		0.264				-0.255	1.443
-0.326		0.386	-0.597	-0.289	1.288		
-0.46		-0.326		1.308			
-0.685					1.312		
-0.42		-0.009	1.638			-1.157	0.729
-0.348			5.614	-5.468			
-0.286				0.234			
-0.322	-2.689					-2.503	
-0.336	0.841						2.376
-0.292		0.366		1.416		-4.903	5.83
-0.289			0.227				
-0.25		0.512	-0.563				1.773
-0.563				-0.885	1.485		
-0.425	-7.153	0.385	2.508	-11.072	1.648		1.27
-0.423	-7.142	0.366	2.74	-11.146	1.658		0.89
-0.291			-0.433				1.594
-0.325		0.026		0.191			1.082
-0.293	-1.078		-0.854				
-0.252		0.493				-0.622	1.883
-0.455		-0.505		2.603		-4.368	5.154
-0.291						0.21	
-0.538		-1.042		2.412			
-0.44	10.965	-0.284		12.656		-2.092	1.548
-0.329						0.402	
-0.442		0.344			0.525		1.141
-0.511		-0.896	2.537				-0.932
-0.312		0.18					1.221
-0.413		0.308	-2.012		1.454	0.974	0.941
-0.285			-1.85	2.027			
-0.403	3.847		1.827	4.03		-1.355	0.691
-0.448	-2.747	-0.524				-4.879	6.038
-0.303	-1.751			-1.491			
-0.309						-0.58	1.677
-0.253		0.522		-0.507			1.685
-0.338				2.811		-2.335	
-0.451	15.58	-0.246		16.982		-1.148	
-0.354	20.407			19.57			-0.108
-0.314	-0.042	0.122					1.193
-0.271	-1.167	0.449				-5.013	6.481

-0.498	22.514	-0.295		23.682			-1.969
-0.442	-5.684	0.238	2.987	-9.392	1.578		
-0.542		-0.979		3.086		-1.784	
-0.318					0.967	-0.164	-0.654
-0.313		0.063			1.062		-1.438
-0.364	-1.182						
-0.32		0.238				0.342	
-0.387		-0.399		3.733		-3.59	
-0.426	15.745			16.741		-1.447	0.875
-0.404	-5.262	0.414		-6.971	1.514		2.054
-0.421	6.365		2.007	6.093		-0.653	
-0.264		0.309					0.529
-0.398	-4.51	-0.81				-3.885	
-0.253	0.493	0.533					1.678
-0.327				-0.634			2.01
-0.44	-10.803	-0.69		-7.482		-5.944	7.906
-0.297					0.342		1.19
-0.321	0.412	0.553			0.93		-0.439
-0.356		-0.207	0.832				
-0.511		0.376	8.323	-9.306	1.603		
-0.489	29.055	-0.081		29.68		0.918	-3.696
-0.309	-0.949					-0.749	
-0.686					1.252		
-0.542	5.208	-0.719	7.445				-1.159
-0.288		0.384			0.57	-0.917	1.825
-0.425	8.32		0.766	8.47			0.551
-0.597	0.658				1.38		
-0.256		0.525	-2.397	1.701			2.001
-0.505		-0.941		2.493			-0.641
-0.469	-3.835		2.146	-6.356	1.463		-0.279
-0.469	-0.978	-0.618					
-0.452		-0.374	7.042	-5.691			
-0.431		-0.248					3.417
-0.402			4.705	-4.39			1.854
-0.319			-0.609				1.974
-0.343	-9.596	-0.208		-7.144		-6.293	8.8
-0.355						0.473	
-0.292		0.309					
-0.444				1.299		-0.021	
-0.265	-0.735	0.532	-1.332				1.83
-0.53		-0.689	3.427			-2.312	
-0.337			-0.629			0.344	1.381
-0.417		-0.408	1.682	-0.217			
-0.455		0.078	0.391	-0.49	1.175		-0.381
-0.309	1.144	0.535			0.984		1.454
-0.448	0.072	0.088	-0.146		1.166		-0.14
-0.313	-0.274						-0.004
-0.503		-0.266	-4.154		2.376	3.099	

-0.391	0.254						3.442
-0.458	-1.305	-0.328					
-0.306		0.367			0.935	0.12	-1.526
-0.283							0.705
-0.39			0.191				2.633
-0.244	-5.019		-3.215			-3.137	3.124
-0.436		-0.357	6.873	-5.33			-0.629
-0.614			-0.507		1.373		
-0.389				0.059			2.897
-0.282		0.718	-1.044				2.863
-0.263		0.297	0.108				
-0.341			-0.256				1.168
-0.408	1.54		2.823				-0.98
-0.48	0.754	-0.273	2.852			-1.003	
-0.684		0.235			1.205		
-0.326						0.103	0.385
-0.262		0.304		0.08			
-0.325				0.116			0.321
-0.303		0.327					
-0.318				0.189		0.049	
-0.394	1.166	0.1	1.961				
-0.266		0.335				-0.056	
-0.263	-0.046	0.314					
-0.326	-12.403			-9.739		-4.518	4.639
-0.27			-6.084	6.265		-1.358	2.87
-0.318			-0.054			0.292	
-0.264		0.325					
-0.312			-1.255				3.936
-0.491		-0.384	2.909	-0.433		-1.345	
-0.407	-1.494					0.079	
-0.355		0.182	2.121		0.258	-5.05	4.205
-0.485	10.388	-0.496		13.246			-3.91
-0.277	-1.431	0.548		-1.894			1.609
-0.316		0.568			0.375	-0.689	1.653
-0.546				-1.256	1.744		
-0.55	1.276				1.691		
-0.292	1.273	0.584					3.214
-0.395	1.08	0.13	1.667				0.492
-0.399			5.858	-4.72			
-0.267	-6.171		-5.36			-3.947	7.666
-0.271		0.638	-0.661			0.074	1.73
-0.322							
-0.362		0.336				-0.395	2.186
-0.346				-0.436		0.232	1.283
-0.311		0.07			0.295		1.16
-0.384			4.843	-3.74			-0.064
-0.695					1.217	0.063	
-0.337		0.351	10.638	-10.484			

-0.409	9.315		-2.908	13.533			-1.104
-0.467		-0.789		1.169			
-0.338		-0.122		0.673			
-0.44		-0.361				0.827	
-0.478			-4.122		2.342	3.058	
-0.362	0.87	0.121					4.013
-0.266	-2.772	-0.088				-3.105	
-0.604	12.915	-1.071	2.907	13.011			-2.589
-0.261	-2.58					-2.901	
-0.431				1.109		-0.178	
-0.426				0.923			
-0.441	13.79	0.111	15.034				-2.916
-0.534	-5.174			-6.309	1.937		
-0.417	9.041	-0.095	-4.073	13.98			
-0.284			0.17				
-0.525				-1.064	1.622		
-0.285	-0.792		-1.2				1.694
-0.253		0.384					0.714
-0.587			3.491	-4.195	1.41		
-0.403	7.972		-3.533	12.527		-0.23	
-0.28			-2.089	1.591			1.834
-0.434	-0.932					0.313	
-0.292	-1.532			-1.824			1.506
-0.284				0.142			
-0.347	-0.018					-0.255	1.401
-0.258	0.632	0.444					1.701
-0.381			2.662	-1.985			
-0.363		0.158	0.753	-0.426			0.828
-0.288	-0.567					-1.087	1.87
-0.273		0.152					1.368
-0.412		0.506	-7.09		2.792	6.065	
-0.351		0.166	0.215				0.976
-0.354		0.162	0.234				0.975
-0.344		0.218					1.36
-0.292	-6.356		-4.979			-3.444	4.948
-0.372		0.075	1.592	-0.863			
-0.314	0.21	0.323					1.327
-0.286	-0.115						
-0.279		0.655		-0.581		0.08	1.606
-0.351		0.192		0.112			1.206
-0.385			2.118	-1.672			0.572
-0.282		0.673		-0.584			1.794
-0.351	0.082	0.267					1.583
-0.289		0.137			0.307		1.25
-0.345		0.185		0.151			1.048
-0.441	12.945			14.269		1.384	-3.729
-0.327	1.405						3.945
-0.381			1.379	-0.679			0.145

-0.313				-0.845			2.966
-0.306		0.473	4.473	-4.772			0.959
-0.51	-2.33	-0.949					
-0.374			0.567				0.429
-0.291	-9.359		-0.997	-5.763		-3.813	2.905
-0.291	-9.502	0.104		-6.979		-3.637	2.716
-0.274	-5.601			-3.389		-2.178	
-0.367		0.035	0.745				
-0.298						-0.639	2.262
-0.372				0.451			0.694
-0.294						-0.014	
-0.262		0.603	-1.683				4.722
-0.336			6.809	-6.818			0.531
-0.532	-5.221	-1.386				-3.261	
-0.294			-0.204			-0.223	1.641
-0.367		0.008		0.773			
-0.294				-0.026		-0.395	1.656
-0.259	-4.632	0.244	-3.305			-2.598	2.951
-0.427	1.709	-0.203		4.092		-1.576	
-0.401	4.584		-3.241	8.898		-0.937	1.381
-0.374	0.007						1.487
-0.404		0.118	5.832	-5.188			
-0.559	0.843				1.51		
-0.273		0.579				-0.272	1.01
-0.275	0.304	0.615					1.135
-0.345			8.425	-8.226			
-0.417		-0.308	-0.473	3.396		-2.213	
-0.288		0.529		-1.028			2.82
-0.314		0.423	6.354	-6.274			
-0.421		-0.28		2.849		-2.112	-0.001
-0.214		0.562				-1.842	2.834
-0.259		0.413		-0.553			1.667
-0.35		0.105		-0.742			3.637
-0.417	7.894	-0.016	-3.909	12.235			1.018
-0.4		-0.137	-1.967	4.008		-2.117	1.659
-0.282	0.499	0.666				0.021	1.601
-0.422		-0.034				1.085	
-0.439	-1.814	-0.604					-0.089
-0.379			-1.604	3.551		-1.966	1.361
-0.262	-12.344		3.18	-11.968		-4.612	2.645
-0.267	-3.191		-1.495			-1.672	
-0.255	-0.147	0.383					
-0.324	-0.525	-0.025					
-0.254		0.395		0.137			
-0.255		0.401	0.135				
-0.41	0.205					0.97	
-0.332	-2.535					-1.892	
-0.3	0.398						1.832

-0.302			-3.927	3.103			2.575
-0.256		0.413				0.115	
-0.413						0.785	
-0.321				-1.242			3.739
-0.28		0.513	-1.053				2.915
-0.256		0.402	-0.563				1.737
-0.297	-0.129		-3.403	2.69			1.964
-0.269		0.633		-1.382			4.027
-0.421	-0.279	-0.135		1.866		-1.893	1.174
-0.261	-0.523	0.407	-0.394				
-0.316	-1.507		-2.159				2.304
-0.257		0.412	-0.872	0.978			
-0.265	-0.809	0.414		-0.665			
-0.4	-2.676	-0.184				-2.565	1.161
-0.265	-0.486	0.439				-0.381	
-0.396	-2.874	-0.144	-0.401			-2.602	1.665
-0.416	-1.929	-0.273	1.117			-2.344	
-0.355	-0.68	0.049					
-0.378	-2.566		-0.383			-2.372	1.676
-0.343		0.046	-0.506				3.047
-0.509		-0.63		2.52		-1.135	
-0.272	-1.163					-1.009	
-0.265		0.48		0.12		-0.006	
-0.257	-10.267	-0.104		-7.099		-4.461	3.059
-0.266		0.483	0.013			0.103	
-0.366						1.009	
-0.395		-0.132				1.273	
-0.368	-3.541	-0.374				-3.249	
-0.378							
-0.342							
-0.308			-1.178				3.592
-0.533		0.294		-0.974	1.461		
-0.365		-0.229					
-0.273		-0.091		2.982		-3.504	
-0.608			-0.499		1.449		
-0.54		0.532	4.722	-5.49	1.347		
-0.31							
-0.29		0.323			0.841	-0.362	-0.125
-0.28	1.725	0.557					4.506
-0.241		0.462	-4.542	4.472		-1.074	2.7
-0.327	-2.636			-2.916			1.523
-0.688					1.32		
-0.429		-0.185	2.552			-1.386	-0.788
-0.284	-1.09			-0.839			
-0.481	10.495	-0.16	-2.22	13.115		0.818	
-0.281	-0.651		-0.417				
-0.432	-0.775						
-0.518		-0.802	1.725				0.955

-0.523		-0.842	3.417	-1.294			
-0.608			-0.611		1.464		
-0.682		0.121			1.295		
-0.271			-2.724	3.452		-0.666	
-0.554	0.824	0.331			1.366		
-0.279			-0.854	1.062			
-0.249		0.525	-0.343			-0.295	1.856
-0.283				0.463		-0.264	
-0.349			4.54	-4.65			0.664
-0.684					1.313	-0.008	
-0.246		0.481	-1.358	0.749			1.879
-0.514		-0.809		1.556			1.442
-0.249	-0.296	0.48	-0.86				1.802
-0.256		0.496				-0.835	2.472
-0.289			0.285			-0.066	
-0.312		0.163				0.342	
-0.251		0.521		-0.241		-0.362	1.816
-0.409	-9.244	0.509	2.838	-13.992	1.781		1.955
-0.254	-0.732	0.478		-1.211			1.666
-0.266		0.597	-3.177	1.922			3.43
-0.253			-4.621	4.905		-1.363	2.719
-0.261	0.915	0.604					2.812
-0.292	-0.916		-1.025	0.326			
-0.469	-1.012	-0.757					
-0.252	-0.067	0.484				-0.696	1.903
-0.469	8.055	-0.424		10.158		-2.854	2.641
-0.504		-0.824	3.713	-1.266			-0.985
-0.525				-1.291	1.771		
-0.514	-3.996			-5.192	1.923		
-0.276	-0.845	0.601	-1.974				3.206
-0.257		0.278					0.618
-0.531	1.295				1.713		
-0.321		0.237				0.349	
-0.617	1.33		0.781		1.313		
-0.665					1.283	-0.213	
-0.496	-1.764	-0.82				-0.714	
-0.686		0.096			1.243		
-0.247	0.978	0.548	-3.355	3.527			2.165
-0.439		-0.26	5.784	-5.026			1.222
-0.297		-0.002			0.342		1.19
-0.307	-0.98					-0.754	-0.074
-0.462	-0.568	-0.461					2.792
-0.606		0.232	-0.504		1.342		
-0.402			3.405	-3.064			2.056
-0.304	-0.82		-2.125				4.09
-0.279		0.515		-1.553			4.336
-0.318	-2.282			-3.424			3.88
-0.485	-2.104	-0.522				-0.721	

-0.291		0.291					
-0.299		0.406	6.436	-6.586			0.707
-0.299			-2.827	1.487			4.086
-0.336			-0.577			0.337	1.26
-0.538	21.792	-0.627		24.039		2.801	-7.93
-0.237	-4.401	0.158	-2.884			-2.804	3.007
-0.504		-0.317	-4.108		2.394	3.053	
-0.544	-7.864	-0.578		-9.12	2.348		
-0.469	11.505	-0.439	-2.499	16.343			-2.922
-0.281		0.707	-1.132			0.106	2.864
-0.313			-1.06			-0.313	4.139
-0.26		0.287	0.115				
-0.279			-6.739	6.623		-1.406	3.749
-0.317	-10.934		-1.691	-6.931		-4.346	4.986
-0.69		0.234			1.202	0.046	
-0.287	-1.792	0.593		-2.556			2.426
-0.409	1.554	-0.011	2.861				-1.024
-0.617	2.89		2.294		1.375		
-0.257	-5.397	0.197	-4.918			-3.538	7.476
-0.325				0.041		0.077	0.342
-0.261		0.296		0.085			
-0.44	19.429		-3.759	23.561		2.517	-4.009
-0.317	-11.371	0.135		-9.066		-4.135	4.574
-0.262	-0.051	0.307					
-0.266		0.334				-0.056	
-0.315		0.367	8.594	-8.459			
-0.547	0.508			-0.758	1.723		
-0.547		-0.016		-1.257	1.749		
-0.546	1.277	0.036			1.679		
-0.438		-0.441				0.835	
-0.301	1.129	0.54					3.033
-0.396	-7.189		6.813	-13.446			
-0.276	-5.145	0.31	-4.369			-2.834	4.931
-0.266		0.499	-1.544				4.331
-0.508		0.163		-1.103	1.592		
-0.266	-2.772	-0.09				-3.103	
-0.351			5.717	-6.375			2.265
-0.258	-4.861			-2.76		-2.064	
-0.43				1.116		-0.184	
-0.345		0.28	3.107	-2.99			0.757
-0.42	7.117	-0.165	-3.443	12.009		-0.619	
-0.263		0.631	-1.437			-0.439	5.058
-0.285	-0.739		-1.272	0.118			1.705
-0.358		0.189	3.743	-3.229			
-0.38	2.046					2.572	
-0.31				-0.557		-0.354	3.021
-0.287	-7.555		1.67	-6.638		-2.516	
-0.381			2.644	-1.972			0.012

-0.364		0.141	0.917	-0.503			0.639
-0.289	-0.556					-1.084	1.892
-0.309		0.508	3.722	-4.306			1.69
-0.282		0.674		-0.692		0.111	1.827
-0.35		0.179	0.154				1.097
-0.34		0.246		-0.1			1.518
-0.265	-4.577	0.147		-2.756		-1.789	
-0.28	-8.065	0.134	-1.248	-4.624		-3.391	2.85
-0.532	0.935	0.211			1.481		
-0.248							
-0.262	-0.213	0.578	-1.888				4.721
-0.26		0.584	-2.094	0.404			4.732
-0.28	-15.834	-0.302	4.565	-15.746		-5.712	2.716
-0.484			0.577				
-0.44						0.599	
-0.255	-2.25	0.241	-1.036			-1.189	
-0.275	-1.43	0.565		-2.924			4.444
-0.257	-2.728		-1.11			-1.574	
-0.411	4.232	-0.089	-3.17	8.683		-1.109	1.366
-0.251	-0.756	0.323				-0.658	
-0.274	0.122	0.597				-0.177	1.087
-0.408		-0.236	-1.18	3.757		-2.2	0.676
-0.36	-6.656		8.192	-14.256			
-0.256	-0.454	0.368		-0.303			
-0.253		0.389		0.304		-0.191	
-0.254	-0.256	0.374	-0.111				
-0.587	2.933	0.521	2.316		1.18		
-0.253		0.387	-0.182	0.315			
-0.255		0.403	0.213			-0.09	
-0.23		0.413	-3.512	3.555		-1.111	2.594
-0.27			-5.765	5.155		-1.513	5.437
-0.41	0.2					0.966	
-0.304	-0.218		-3.711	2.688			2.552
-0.268		0.631		-1.143		-0.296	4.076
-0.314		-0.336					
-0.251		0.375	-1.453	1.877		-0.377	
-0.606			-0.569		1.493		
-0.26	-0.394	0.406	-0.53	0.26			
-0.252		0.537	-5.486	4.839		-1.122	4.278
-0.401	-2.616	-0.188	0.078			-2.547	1.093
-0.439				0.325			
-0.379							
-0.429	-0.289						
-0.37		0.209					
-0.354		-0.16					
-0.38				-1.532		2.055	
-0.367							
-0.374		-0.053				1.072	

-0.391			2.938	-4.127		1.745	
-0.604		0.115	-0.496		1.426		
-0.666					1.339	-0.182	
-0.266			-1.744	2.444		-0.597	
-0.453			3.798	-3.359			
-0.528	-2.523	-1.227				-1.349	
-0.687		0.046			1.314		
-0.29	-1.728		0.95	-2.389			
-0.588	4.347	0.45	3.686		1.248		
-0.512		-0.74	2.719	-1.059			0.88
-0.607		0.041	-0.605		1.454		
-0.307		0.487	4.849	-5.887			3.048
-0.681		0.121			1.295	-0.012	
-0.243	0.422	0.493	-1.808	1.57			1.954
-0.259	0.404	0.553				-0.533	2.762
-0.258	0.91	0.618	-4.056	3.618			3.56
-0.537	-5.565	-0.322		-6.78	2.134		
-0.535	27.609	-0.597	-3.669	32.545		3.824	-7.956
-0.519	-1.971			-3.222	1.85		
-0.529		-0.043		-1.291	1.787		
-0.531	1.296	0.003			1.712		
-0.665		0.072			1.272	-0.195	
-0.278	-10.043		5.233	-12.135		-2.987	
-0.242		0.516	-4.574	3.523		-1.241	5.765
-0.31	-1.51		-1.237	-1.532			4.065
-0.387	2.836		0.984			2.417	
-0.382	-7.056	0.274	7.39	-13.94			
-0.302	-9.189	0.187	-2.053	-5.394		-3.778	4.968
-0.372	18.225			14.907		3.247	
-0.487	1.631		2.102				
-0.41			5.479	-5.01			
-0.401	-9.26		7.998	-16.09		-0.624	
-0.322	26.331	0.936		21.179		4.815	
-0.547	0.705	0.014		-0.564	1.711		
-0.365	-12.963		12.243	-22.697		-1.948	
-0.361	2.386	0.269				2.861	
-0.367			4.448	-5.375		1.499	
-0.382	3.3			1.138		2.709	
-0.355		0.563	4.135	-5.568		1.908	
-0.254	-4.282	0.09		-2.413		-1.833	
-0.242		-0.269					
-0.344		0.296	3.035	-2.99			0.901
-0.378	2.057					2.581	
-0.38	2.044					2.557	
-0.279	-6.547	0.108	1.449	-5.744		-2.187	
-0.642			2.988			-2.582	
-0.476			0.56				
-0.479			0.606				

-0.248	-1.951	0.214	-0.75			-1.158	
-0.262	-0.275	0.577	-1.81	-0.135			4.717
-0.483		0.159	0.57				
-0.429		0.479	4.88	-4.519			
-0.436						0.555	
-0.437						0.588	
-0.44		-0.008				0.602	
-0.349	-6.561	0.211	8.573	-14.582			
-0.248		0.356	-0.74	1.157		-0.339	
-0.261	-1.036	0.367	0.867	-1.716			
-0.428				0.27			
-0.343	4.307	0.668	1.764			3.012	
-0.38				-1.693		2.286	
-0.427		0.163		0.277			
-0.429				0.318			
-0.414	-0.202						
-0.451	1.094			1.407			
-0.606		0.002	-0.569		1.493		
-0.373		0.132					
-0.412	-0.213	0.155					
-0.418	-0.269						
-0.374							
-0.363		0.182					
-0.384				-1.546		2.069	
-0.382		-0.031		-1.511		2.039	
-0.528	-14.694	-0.739		-15.813	2.675		
-0.465	3.249	0.565	3.567				
-0.698			4.054			-3.849	
-0.666		0.026			1.333	-0.176	
-0.462	12.216			11.903			
-0.47	2.471		2.957				
-0.37	3.429		1.615			2.393	
-0.339	6.32	0.643		3.141		3.641	
-0.338		0.482	5.229	-6.402		1.673	
-0.396		0.393	6.165	-5.765			
-0.702			3.919			-3.49	
-0.29	-12.131	-0.181	6.169	-14.508		-3.613	
-0.332	28.662	1.074		23.241		4.937	
-0.406	20.52			16.929		3.415	
-0.378	-6.321	0.306	7.047	-13.079		0.216	
-0.377	-15.483	-0.22	13.398	-25.593		-2.696	
-0.616		0.282	2.849			-2.485	
-0.356	2.496	0.347				3.002	
-0.374	3.945			1.687		2.81	
-0.362	2.412	0.299				2.883	
-0.378	2.055					2.576	
-0.475			0.58				
-0.476		0.043	0.56				

-0.478		0.114	0.596		
-0.439	5.555	0.533		5.602	
-0.447		-0.142			0.59
-0.435					0.557
-0.43	14.335	0.508		13.79	
-0.436		-0.03			0.6
-0.333	4.618	0.611	2.165		2.94
-0.45	3.955	0.523	4.292		
-0.442	1.774			2.067	
-0.709			4.379		-4.129
-0.368		0.186		-1.904	2.503
-0.425				0.276	
-0.424		0.09		0.256	
-0.421		0.135		0.279	
-0.378				-1.704	2.306
-0.406	-0.175	0.094			
-0.41	-0.206				
-0.405	-0.208	0.13			
-0.369		0.13			
-0.383		0.02		-1.561	2.081
-0.695		0.026	4.014		-3.807
-0.462	12.225			11.91	
-0.336	6.543	0.62		3.352	3.659
-0.657		0.176	3.605		-3.208
-0.356	2.496	0.35			3
-0.427	5.516	0.494		5.559	
-0.475		0.038	0.58		
-0.434	14.915	0.537		14.331	
-0.447		-0.137			0.591
-0.715		-0.04	4.451		-4.201
-0.367		0.183		-1.905	2.506
-0.42		0.087		0.262	
-0.403	-0.179	0.091			

Distance_t	Precipitati	Precipitati	SoilPC1	SoilPC2	Genus	df	logLik	AICc
	-3.514	1.676		1.142	1.254	12	-1136.64	2297.724
	-5.837		-3.094		1.247	12	-1136.82	2298.089
	-3.482			0.983	1.247	12	-1137.03	2298.516
1.961	-3.49			1.008	-0.199	12	-1137.04	2298.541
	-2.852	2.62		1.331	1.251	13	-1136.28	2299.088
	-4.617	1.663	-0.681	1.085	1.25	13	-1136.28	2299.094
	-6.854		-2.782		1.251	13	-1136.34	2299.211
	-3.906	1.886		1.259	1.251	13	-1136.53	2299.592
	-6.528			0.672	1.244	12	-1137.62	2299.685
	-3.495	1.9		1.16	1.254	13	-1136.63	2299.788
	-3.632	1.651		1.129	1.254	13	-1136.63	2299.796
-7.953	-7.774			0.63	7.113	13	-1136.68	2299.897
	-5.569		-2.865	0.147	1.219	13	-1136.7	2299.936
	-7.189		-1.451		1.277	12	-1137.75	2299.952
	-5.946	0.195	-3.048		1.274	13	-1136.73	2299.98
	-6.182		-3.047		1.267	13	-1136.74	2300.004
	-4.781			0.893	1.249	13	-1136.76	2300.057
1.963	-2.902			1.115	-0.203	13	-1136.76	2300.057
	-2.904			1.089	1.244	13	-1136.76	2300.059
	-5.985		-3.068		1.267	13	-1136.77	2300.062
1.966	-4.388		-0.589	0.952	-0.209	13	-1136.78	2300.094
	-4.355		-0.573	0.929	1.241	13	-1136.79	2300.103
-10.565	-9.288		-1.872		9.033	14	-1135.78	2300.166
	-4.02			0.642	1.181	11	-1138.89	2300.172
	-5.872	0.685		0.724	1.236	12	-1137.89	2300.243
1.953	-3.501	1.241		1.124	-0.188	13	-1136.87	2300.27
1.957	-4.308			0.949	-0.194	13	-1136.93	2300.386
1.963	-3.67			1.055	-0.203	13	-1137.01	2300.545
	-3.609			1.017	1.245	13	-1137.01	2300.555
0.791	-3.484			0.993	0.664	13	-1137.02	2300.572
1.944	-5.94		-3.059		-0.164	13	-1137.04	2300.607
	-5.094	0.982	-1.738	0.624	1.253	14	-1136.01	2300.635
-10.041	-3.533	5.268		1.361	8.662	14	-1136.03	2300.671
	-5.877			0.621	1.229	12	-1138.11	2300.674
1.96	-6.15			0.683	-0.2	12	-1138.13	2300.707
	-3.785	2.291	-0.441	1.229	1.249	14	-1136.17	2300.945
	-3.619			0.779	1.225	12	-1138.26	2300.967
		3.675		1.699	1.243	13	-1137.22	2300.975
-9.808	-7.987			0.704	8.477	14	-1136.19	2300.988
-12.009	-7.196		-1.521		10.109	15	-1135.16	2301.025
	-4.663	2.258	-0.732	1.131	1.248	14	-1136.24	2301.092
	-2.806	2.169		1.312	1.251	14	-1136.24	2301.094
	-7.503	-4.156			1.274	12	-1138.33	2301.105
	-3.016	2.627		1.356	1.25	14	-1136.27	2301.151
	-2.632	2.692		1.36	1.251	14	-1136.27	2301.155
	-7.27	-1.925		0.509	1.243	13	-1137.32	2301.166
	-4.484	1.69	-0.69	1.098	1.25	14	-1136.28	2301.171

	-5.174		-1.978	0.445	1.246	14	-1136.29	2301.19
	-6.613		-2.629	0.091	1.233	14	-1136.3	2301.209
-13.694	-5.417	7.181	-1.094	1.428	11.35	15	-1135.26	2301.221
	-6.885		-2.74		1.265	14	-1136.32	2301.246
1.942	-7.398	-4.581			-0.159	12	-1138.4	2301.257
	-6.769	0.071	-2.756		1.26	14	-1136.33	2301.275
	-6.955		-2.78		1.258	14	-1136.33	2301.275
	-5.91		-1.172	0.707	1.225	13	-1137.38	2301.286
	-4.339			1.005	1.246	14	-1136.34	2301.298
		5.57		1.745	1.251	13	-1137.44	2301.4
1.961	-5.157		-1.852	0.523	-0.2	14	-1136.4	2301.413
	-5.195	-4.868			1.273	14	-1136.41	2301.439
	-6.419			0.712	1.241	13	-1137.48	2301.498
	-5.985		-2.517	0.265	1.236	14	-1136.46	2301.524
	-3.672			0.543	1.198	12	-1138.55	2301.546
-11.55	-2.681	6.092		1.576	9.773	15	-1135.44	2301.578
	-7.234	-0.329	-1.718		1.239	13	-1137.53	2301.592
	-1.915			0.746	1.172	11	-1139.61	2301.603
	-6.658		-1.169	0.216	1.24	13	-1137.54	2301.609
-10.738	-5.328			0.507	9.173	15	-1135.46	2301.613
	-3.915	2.301		1.303	1.25	14	-1136.51	2301.638
1.953	-2.839	1.492		1.27	-0.19	14	-1136.51	2301.641
1.956	-4.596	1.554	-0.694	1.092	-0.196	14	-1136.52	2301.652
-12.16	-7.557	2.309		0.804	10.216	14	-1136.52	2301.654
	-3.782	1.923		1.279	1.252	14	-1136.53	2301.669
1.965	-7.258	-2.64		0.46	-0.208	13	-1137.57	2301.678
	-5.991			0.619	1.247	13	-1137.58	2301.687
1.957	-3.894			1.056	-0.197	14	-1136.54	2301.699
		3.625	0.941	1.614	1.24	13	-1137.6	2301.734
		8.169		2.424	1.248	14	-1136.57	2301.753
	-6.302		0.072	0.679	1.245	13	-1137.62	2301.76
-12.012	-6.247	4.172	-3.761		10.135	15	-1135.53	2301.768
	-5.476		-0.506	0.859	1.244	14	-1136.58	2301.78
-7.591	-8.133		-2.355		6.847	15	-1135.55	2301.802
	-6.683		-1.596		1.252	13	-1137.64	2301.804
-4.935	-6.26			0.754	4.889	14	-1136.6	2301.819
1.939	-5.289	-5.343			-0.162	14	-1136.61	2301.829
-8.706	-8.818		-0.342	0.577	7.666	14	-1136.61	2301.83
-12.787		12.879		2.791	10.682	15	-1135.57	2301.834
-13.651		12.884	-1.423	2.285	11.316	15	-1135.57	2301.842
	-3.401	1.998		1.176	1.254	14	-1136.63	2301.87
	-5.488		-0.447	0.576	1.183	12	-1138.71	2301.878
	-7.208		-1.623		1.259	13	-1137.69	2301.915
-12.11	-9.931		-2.762	-0.373	10.183	15	-1135.61	2301.929
-2.267	-5.889		-3.007		2.936	14	-1136.66	2301.932
-7.82	-7.373			0.593	7.017	14	-1136.66	2301.942
	-5.96	0.703	-3.167		1.271	14	-1136.67	2301.955
-14.699	-9.524	1.831	-2.221		12.086	15	-1135.63	2301.959

1.959		4.843		1.696	-0.194	13	-1137.72	2301.974
-10.651		8.937		1.92	9.109	14	-1136.68	2301.981
1.962	-4.996		-0.546	0.913	-0.204	14	-1136.71	2302.042
1.964	-3.558		-0.31	1.039	-0.204	14	-1136.72	2302.047
	-6.042	0.141	-3.045		1.273	14	-1136.72	2302.055
	-3.568		-0.311	1.021	1.242	14	-1136.72	2302.057
	-6.303		-3.075		1.264	14	-1136.73	2302.078
	-2.66			1.064	1.246	14	-1136.74	2302.097
			1.074	1.368	1.238	13	-1137.79	2302.105
1.002	-2.903			1.102	0.505	14	-1136.75	2302.108
1.962	-2.747			1.099	-0.201	14	-1136.75	2302.122
	-4.853			0.914	1.248	14	-1136.76	2302.13
1.955	-3.882	1.592		1.254	-0.193	14	-1136.77	2302.142
1.063	-4.372		-0.581	0.941	0.457	14	-1136.77	2302.149
1.969			1.07	1.396	-0.214	13	-1137.81	2302.152
1.939	-6.575		-2.821		-0.161	14	-1136.78	2302.179
-12.195	-4.41	6.878		1.699	10.246	15	-1135.75	2302.191
	-5.365	0.593		0.657	1.237	13	-1137.84	2302.204
		7.839	-1.091	1.981	1.246	14	-1136.8	2302.206
	-4.36			0.618	1.184	12	-1138.88	2302.211
	-8.085	-2.523	-1.288		1.243	14	-1136.83	2302.269
	-5.913	0.66		0.722	1.235	13	-1137.89	2302.317
	-5.846	0.687	0.013	0.726	1.235	13	-1137.89	2302.319
	-3.509				1.25	10	-1141.01	2302.347
		1.76		1.391	1.244	12	-1138.95	2302.351
1.953	-3.453	1.292		1.132	-0.188	14	-1136.87	2302.353
1.957		7.479		2.381	-0.196	14	-1136.88	2302.371
	-5.142			0.707	1.223	13	-1137.92	2302.373
	-6.747	-3.797			1.279	13	-1137.93	2302.386
1.959	-4.429			0.991	-0.198	14	-1136.91	2302.428
	-7.206		-0.383	0.573	1.23	13	-1137.99	2302.501
-9.28	-6.615				8.146	12	-1139.05	2302.548
-12.924	-5.71	5.714	-2.466	0.712	10.787	16	-1134.88	2302.556
		5.042		1.782	1.247	14	-1136.97	2302.56
	-4.513	1.441	-1.581	0.727	1.251	15	-1135.93	2302.567
1.946	-6.433		-3.11		-0.169	14	-1136.98	2302.582
	-5.146	1.588	-1.877	0.632	1.251	15	-1135.95	2302.594
1.069	-3.641			1.037	0.456	14	-1137	2302.603
1.959	-6.094			0.715	-0.202	13	-1138.04	2302.616
1.936	-6.619	-4.225			-0.151	13	-1138.05	2302.623
-9.503	-5.5		0.914	0.913	8.258	15	-1135.97	2302.641
	-9.049	-4.62			1.259	13	-1138.06	2302.656
1.941	-5.95	0.133	-3.083		-0.16	14	-1137.03	2302.682
	-5.46	0.822	-1.844	0.533	1.25	15	-1135.99	2302.69
1.956	-5.694			0.63	-0.195	13	-1138.09	2302.71
	-3.339				1.264	11	-1140.16	2302.712
-14.264	-7.776	2.411		0.885	11.763	15	-1136.01	2302.715
-12.143		8.834		1.999	10.206	15	-1136.01	2302.718

	-5.603			0.597	1.228	13	-1138.1	2302.722
	-7.325	-2.36		0.531	1.239	14	-1137.06	2302.728
1.958	-5.827		0.146	0.707	-0.199	13	-1138.11	2302.758
-10.026	-3.454	5.338		1.373	8.652	15	-1136.03	2302.759
		3.679	0.379	1.692	1.246	14	-1137.08	2302.782
	-3.021	4.505	-1.019	1.459	1.249	15	-1136.05	2302.808
-15.904	-11.121				13.006	13	-1138.15	2302.834
-13.212	-2.966	9.708	-1.344	1.811	10.997	16	-1135.02	2302.835
-12.206	-4.163				10.319	14	-1137.12	2302.843
	-5.549				1.306	11	-1140.23	2302.851
	-6.065		-1.97	0.347	1.249	15	-1136.08	2302.853
	-8.679	-4.011	-0.447		1.268	13	-1138.17	2302.861
	-7.446	-4.529			1.276	13	-1138.17	2302.862
-16.787	-6.343				13.658	15	-1136.09	2302.871
-6.348	-6.219			0.845	5.928	15	-1136.09	2302.872
		3.687		1.529	1.208	12	-1139.21	2302.876
	-6.16	-3.827	-0.722		1.25	15	-1136.1	2302.897
1.96		7.114	-1.045	1.942	-0.2	14	-1137.15	2302.904
1.964	-8.045	-3.177	-1.167		-0.206	14	-1137.15	2302.91
	-4.727			0.592	1.249	14	-1137.16	2302.924
	-3.949			0.827	1.224	13	-1138.2	2302.938
		3.151		1.256	1.225	13	-1138.21	2302.959
	-5.569				1.297	11	-1140.3	2302.977
			2.289	1.285	1.241	13	-1138.23	2302.98
	-6.621		-0.939		1.25	11	-1140.3	2302.983
1.956	-8.512	-4.945			-0.186	13	-1138.23	2302.985
	-3.479	2.385	-0.45	1.266	1.25	15	-1136.15	2303.005
1.942	-7.415	-5.013			-0.161	13	-1138.24	2303.018
	-3.747	2.254	-0.425	1.23	1.249	15	-1136.17	2303.033
		3.627		1.663	1.243	14	-1137.22	2303.045
-5.423	-5.002	-3.606			5.286	15	-1136.18	2303.051
	-5.231	-3.684		0.243	1.251	15	-1136.18	2303.053
	-4.183		0.906	0.928	1.248	14	-1137.22	2303.053
-10.77	-7.029		-1.747		9.197	16	-1135.13	2303.064
-12.768	-7.686	3.024	-3.143		10.678	16	-1135.14	2303.07
	-2.961		-0.701	0.672	1.169	12	-1139.31	2303.074
	-3.737			0.912	1.251	15	-1136.19	2303.077
	-6.886		-1.098	0.662	1.226	14	-1137.24	2303.091
	-6.726	-2.028		0.437	1.246	14	-1137.24	2303.1
	-5.791	-5.003			1.253	15	-1136.2	2303.107
1.948	-8.236	-4.442	-0.35		-0.172	13	-1138.29	2303.108
-12.229	-7.429		-1.726	-0.078	10.273	16	-1135.16	2303.108
-12.402	-7.257	0.199	-1.566		10.399	16	-1135.16	2303.117
		2.261	1.006	1.587	1.245	14	-1137.25	2303.122
-2.098	-7.462	-3.573			2.829	13	-1138.3	2303.128
-8.458			2.691	1.359	7.482	14	-1137.27	2303.157
	-3.177	1.759		1.249	1.25	15	-1136.23	2303.163
	-6.748		-2.489	0.172	1.24	15	-1136.23	2303.165

	-2.852	2.193		1.32	1.251	15	-1136.24	2303.181
1.956		4.309		1.725	-0.193	14	-1137.29	2303.194
	-1.773			0.682	1.183	12	-1139.38	2303.21
	-2.749	2.734		1.406	1.251	15	-1136.26	2303.212
	-4.778		-1.832	0.495	1.246	15	-1136.27	2303.232
	-7.108	-0.677	-2.502		1.258	15	-1136.27	2303.239
1.955	-5.053	0.972	-1.74	0.642	-0.191	15	-1136.27	2303.24
	-7.35	-1.935	-0.03	0.503	1.242	14	-1137.32	2303.247
				1.001	1.228	13	-1138.36	2303.249
-11.13	-10.097		-1.031		9.496	13	-1138.36	2303.252
-0.788	-5.221		-2.034	0.419	1.827	15	-1136.28	2303.261
-13.195	-4.685	6.936	-0.841	1.474	10.983	16	-1135.23	2303.263
-8.91	-5.53				7.874	13	-1138.37	2303.271
1.966	-7.293	-3.06		0.481	-0.213	14	-1137.34	2303.291
	-6.586		-2.665		1.266	15	-1136.31	2303.316
	-6.819	0.058	-2.764		1.26	15	-1136.33	2303.361
	-4.035		0.177	1.037	1.247	15	-1136.33	2303.366
-15.174		18.308	-3.305	2.619	12.443	16	-1135.29	2303.369
1.958	-5.566		-1.809	0.471	-0.196	15	-1136.34	2303.373
1.955	-3.097	3.663	-0.971	1.4	-0.193	15	-1136.36	2303.415
-14.556	-9.089	2.957	-0.51	0.774	11.979	15	-1136.36	2303.426
1.941	-6.805		-1.573		-0.17	13	-1138.45	2303.434
	-2.069	5.123		1.848	1.251	15	-1136.37	2303.441
1.961	-4.661		-1.667	0.578	-0.2	15	-1136.38	2303.452
1.982				1.035	-0.232	13	-1138.47	2303.478
1.954	-6.078	-4.497	-0.593		-0.192	15	-1136.4	2303.497
-11.654		6.106	0.912	1.808	9.841	15	-1136.41	2303.511
		4.143	1.578	1.943	1.24	14	-1137.47	2303.555
-12.743	-7.259	4.65	-3.988		10.67	16	-1135.38	2303.557
			1.056	0.651	1.246	10	-1141.63	2303.574
	-3.977			0.521	1.202	13	-1138.53	2303.582
1.961	-6.727	-2.734		0.389	-0.201	14	-1137.49	2303.587
1.953	-5.301	-4.37		0.201	-0.19	15	-1136.45	2303.591
	-6.556		-0.804	0.344	1.246	14	-1137.49	2303.595
1.955	-3.71	1.563	-0.399	1.192	-0.194	15	-1136.45	2303.595
			1.641	1.416	1.243	14	-1137.5	2303.605
1.953	-3.523			0.992	-0.189	15	-1136.47	2303.64
1.952	-5.764	-5.459			-0.188	15	-1136.47	2303.641
-4.458	-6.859		-0.453	0.737	4.534	15	-1136.47	2303.641
-11.721	-3.255	5.586		1.494	9.898	16	-1135.42	2303.642
-11.796	-2.935	6.322		1.625	9.953	16	-1135.43	2303.649
	-7.507	-0.452	-1.723		1.238	14	-1137.52	2303.652
	-6.944	-0.249	-1.539	0.073	1.235	14	-1137.52	2303.657
	-5.386				1.261	11	-1140.64	2303.661
-13.45		13.26	-0.818	2.588	11.169	16	-1135.43	2303.665
	-4.631				1.308	12	-1139.61	2303.68
	-6.57		-1.259	0.182	1.238	14	-1137.54	2303.685
1.96		1.6	1.024	1.553	-0.201	14	-1137.54	2303.699

-11.028	-5.337	0.172		0.522	9.388	16	-1135.46	2303.706
1.954	-3.234	1.048		1.201	-0.192	15	-1136.5	2303.706
-10.568	-5.279			0.517	9.048	16	-1135.46	2303.707
1.953	-2.887	1.516		1.278	-0.19	15	-1136.51	2303.728
-12.273	-7.619	2.359		0.813	10.299	15	-1136.52	2303.742
1.964	-7.206	-2.633	0.02	0.464	-0.207	14	-1137.57	2303.76
-12.425	-1.432	10.877		2.436	10.417	16	-1135.49	2303.783
1.957	-3.888		0.004	1.057	-0.197	15	-1136.54	2303.787
		8.289	-0.293	2.36	1.247	15	-1136.55	2303.808
		8.872		2.55	1.249	15	-1136.55	2303.809
	-6.314		-1.495		1.26	14	-1137.6	2303.815
-9.238	-8.821		-2.718	-0.203	8.067	16	-1135.51	2303.818
	-4.606	0.419			1.285	11	-1140.72	2303.82
-10.486	-6.445	-2.776			8.99	16	-1135.52	2303.838
1.909	-5.357				-0.102	11	-1140.75	2303.875
	-8.127		-0.847		1.295	12	-1139.71	2303.88
	-6.106	-1.099			1.276	11	-1140.76	2303.893
-5.138	-6.214			0.728	5.04	15	-1136.6	2303.899
	-5.43		-0.588	0.595	1.177	13	-1138.69	2303.905
	-6.55	0.847	-3.262		1.269	15	-1136.6	2303.906
-12.829		13.48		2.9	10.714	16	-1135.56	2303.912
1.95	-7.09	-1.304	-2.379		-0.18	15	-1136.61	2303.927
-14.129	-9.818	1.1	-2.73	-0.275	11.672	16	-1135.57	2303.93
1.959			2.208	1.271	-0.2	13	-1138.71	2303.943
				1.195	1.204	12	-1139.75	2303.956
-9.528	-11.11	-2.807			8.287	14	-1137.68	2303.965
-2.122	-6.27		-3.08		2.827	15	-1136.64	2303.978
-13.449	-8.485				11.195	14	-1137.68	2303.98
	-7.746	-4.112			1.259	14	-1137.68	2303.981
1.954	-2.219	4.168		1.753	-0.191	15	-1136.64	2303.99
1.963			1.433	1.427	-0.205	14	-1137.69	2303.995
	-4.569	-2.778	1.176	0.778	1.247	15	-1136.66	2304.014
	-4.572				1.273	12	-1139.78	2304.019
2				1.218	-0.27	12	-1139.79	2304.03
	-6.566			0.467	1.275	11	-1140.86	2304.098
1.073	-3.584		-0.319	1.034	0.45	15	-1136.7	2304.107
1.969			1.402	1.529	-0.214	14	-1137.77	2304.145
			1.254	1.431	1.24	14	-1137.77	2304.156
0.788	-2.693			1.078	0.665	15	-1136.73	2304.166
1.951	-3.925		0.894	0.927	-0.188	14	-1137.78	2304.168
0.611			1.073	1.376	0.787	14	-1137.78	2304.176
		1.993		1.514	1.244	13	-1138.83	2304.192
	-6.107				1.314	10	-1141.94	2304.196
	-1.94				1.257	10	-1141.94	2304.2
1.95	-4.658			0.611	-0.188	14	-1137.8	2304.206
		9.84	-1.838	2.11	1.247	15	-1136.76	2304.215
	-4.989	0.761		0.663	1.238	14	-1137.82	2304.251
	-6.302	-0.965		0.396	1.243	12	-1139.91	2304.263

		1.775	0.323	1.397	1.247	13	-1138.87	2304.267
1.939	-6.626		-2.834		-0.161	15	-1136.78	2304.267
	-8.707	-3.011	-1.702	-0.197	1.247	15	-1136.79	2304.272
	-7.214		-0.665		1.293	12	-1139.92	2304.295
	-4.409				1.289	12	-1139.93	2304.313
-3.284	-6.657	-2.966			3.708	14	-1137.85	2304.316
	-5.912			0.481	1.243	12	-1139.95	2304.351
1.952	-7.539	-4.53			-0.179	14	-1137.87	2304.354
	-8.893	-1.829	-0.996		1.248	12	-1139.96	2304.368
-14.723	-2.645	15.368	-3.205	2.191	12.114	17	-1134.74	2304.375
		-2.297	2.698	1.219	1.243	14	-1137.89	2304.383
	-9.125	-5.084			1.257	14	-1137.89	2304.397
	-6.004	0.612	-0.027	0.709	1.235	14	-1137.89	2304.4
1.997				1.266	-0.259	13	-1138.94	2304.402
1.956		8.262		2.521	-0.195	15	-1136.86	2304.418
-15.867	-12.467		-0.66		12.972	14	-1137.9	2304.418
	-3.894	0.28			1.291	12	-1139.98	2304.42
1.997				1.137	-0.256	12	-1139.99	2304.439
1.957		7.565	-0.193	2.34	-0.197	15	-1136.87	2304.445
	-5.254			0.728	1.223	14	-1137.92	2304.446
-12.713		6.036		1.459	10.612	15	-1136.88	2304.453
1.956	-4.492	-3.497	1.221	0.74	-0.197	15	-1136.9	2304.499
		1.939		1.206	1.232	14	-1137.95	2304.509
		4.166	1.013	2.023	1.248	15	-1136.92	2304.549
-9.703	-6.593				8.46	13	-1139.01	2304.556
-12.448	-5.909	1.595	0.694	0.98	10.428	16	-1135.9	2304.601
-18.033	-11.768				14.577	14	-1138	2304.603
-12.898	-4.783	6.907	-2.327	0.982	10.767	17	-1134.85	2304.604
	-6.117		-1.497		1.304	12	-1140.09	2304.626
	-4.407	2.625	-1.833	0.847	1.251	16	-1135.92	2304.629
-13.21		7.125		1.768	10.953	14	-1138.01	2304.635
	-4.719	1.614	-1.698	0.703	1.251	16	-1135.92	2304.643
1.942	-6.508	0.258	-3.166		-0.163	15	-1136.97	2304.645
	-4.724	1.32	-1.616	0.67	1.252	16	-1135.93	2304.651
-5.357	-9.52	-2.625	-0.687		5.227	14	-1138.02	2304.654
-12.889	-5.631	5.7	-2.424	0.73	10.761	17	-1134.88	2304.655
-15.929		21.907	-3.244	3.329	13.002	17	-1134.89	2304.672
		2.751		1.491	1.21	13	-1139.08	2304.688
-8.034	-5.121		0.775	0.948	7.175	16	-1135.95	2304.693
	-5.157		-1.477	0.483	1.251	16	-1135.95	2304.697
	-9.227	-4.477	-0.167		1.258	14	-1138.05	2304.711
				1.232	1.216	13	-1139.09	2304.719
	-9.864	-1.18	-1.295		1.259	13	-1139.1	2304.725
	-4.759			0.673	1.275	11	-1141.18	2304.734
				0.856	1.18	11	-1141.18	2304.744
1.953	-8.574	-5.352			-0.183	14	-1138.07	2304.747
1.955	-6.035		-0.431	0.484	-0.196	14	-1138.07	2304.759
	-5.662				1.288	11	-1141.19	2304.763

			3.094	1.599	1.244	14	-1138.08	2304.775
	-2.915	6.906	-1.881	1.626	1.25	16	-1136	2304.791
1.903	-4.481				-0.094	12	-1140.17	2304.803
			1.068	0.856	1.194	11	-1141.22	2304.829
	-5.507	-0.456			1.283	12	-1140.21	2304.865
-2.365	-7.53	-3.996			3.026	14	-1138.13	2304.874
1.961		-3.005	2.734	1.184	-0.204	14	-1138.14	2304.883
	-8.206	-4.356	-0.258		1.271	14	-1138.14	2304.886
	-6.802	0.22	-0.831		1.27	12	-1140.22	2304.903
	-5.416				1.303	12	-1140.23	2304.909
	-5.542				1.298	12	-1140.23	2304.913
	-6.306	-2.804	-1.329		1.254	16	-1136.06	2304.919
	-3.385				1.298	11	-1141.27	2304.921
				1.094	1.218	12	-1140.24	2304.925
1.955	-5.965			0.506	-0.198	12	-1140.24	2304.934
1.962	-8.498	-3.572	-1.564	-0.19	-0.201	15	-1137.12	2304.942
1.959		8.654	-1.64	2.029	-0.197	15	-1137.13	2304.953
		2.699	1.606	1.879	1.248	15	-1137.13	2304.957
	-3.675		-1.148		1.245	11	-1141.29	2304.966
	-5.741				1.292	12	-1140.26	2304.976
		2.813	1.489	1.984	1.248	14	-1138.19	2304.985
	-6.208	-3.855	-0.758	-0.016	1.251	16	-1136.1	2304.991
			1.173	0.829	1.203	11	-1141.31	2305.008
	-4.635		0.057	0.607	1.248	15	-1137.15	2305.01
1.997			1.102	0.818	-0.254	11	-1141.32	2305.014
	-6.722		-0.864		1.252	12	-1140.29	2305.039
1.954	-8.635	-4.824	-0.127		-0.184	14	-1138.22	2305.046
-12.314	-7.262	1.729	-2.467		10.341	17	-1135.08	2305.05
-10.576	-11.132		-1.332		9.079	14	-1138.23	2305.082
	-3.72				1.314	13	-1139.28	2305.086
1.945	-7.7	-4.863	-0.13		-0.167	14	-1138.24	2305.09
-26.551		38.718	-9.899	3.627	20.879	15	-1137.2	2305.092
1.991			1.283	0.842	-0.247	11	-1141.36	2305.102
-6.455			2.334	1.393	6.006	15	-1137.21	2305.122
	-4.651	-2.346		0.489	1.251	16	-1136.17	2305.13
-10.644		1.373	2.553	1.419	9.093	15	-1137.22	2305.136
2.012	-1.567			0.529	-0.278	11	-1141.38	2305.137
	-9.001		-1.25		1.264	12	-1140.35	2305.154
-10.912	-7.117		-1.805	-0.026	9.303	17	-1135.13	2305.163
1.973		1.275		1.168	-0.224	14	-1138.28	2305.179
	-4.431			0.598	1.245	12	-1140.37	2305.195
-12.318	-7.434	0.05	-1.728	-0.074	10.339	17	-1135.16	2305.209
-8.239			2.914	1.448	7.321	15	-1137.26	2305.223
	-2.713				1.301	11	-1141.42	2305.226
2.004			1.041	0.832	-0.263	12	-1140.39	2305.24
	-1.776				1.268	11	-1141.43	2305.24
1.955	-4.333	1.992	-1.696	0.846	-0.19	16	-1136.24	2305.275
1.954	-4.585	0.977	-1.571	0.696	-0.19	16	-1136.24	2305.284

2.013	-1.124			0.567	-0.28	11	-1141.45	2305.286
	-8.492		-2.013		1.264	12	-1140.42	2305.29
1.954	-4.877		-1.414	0.583	-0.191	16	-1136.25	2305.301
			1.153	0.774	1.218	11	-1141.46	2305.305
-0.94				0.985	1.923	14	-1138.35	2305.308
		0.942	1.591	1.143	1.234	12	-1140.43	2305.31
1.99		2.079		1.455	-0.259	13	-1139.39	2305.31
-0.758	-4.81		-1.891	0.465	1.806	16	-1136.26	2305.312
	-7.033	-1.353			1.262	12	-1140.44	2305.329
				1.004	1.229	14	-1138.36	2305.331
-8.309	-8.846	-2.387			7.39	15	-1137.32	2305.351
1.962	-4.452			0.628	-0.206	12	-1140.46	2305.364
1.918	-6.827		-0.614		-0.12	12	-1140.48	2305.42
	-6.82	-2.58			1.27	12	-1140.49	2305.425
1.934	-6.287		-1.493		-0.159	14	-1138.41	2305.425
1.956	-3.015	5.639	-1.68	1.538	-0.194	16	-1136.32	2305.437
1.982				1.079	-0.235	14	-1138.43	2305.477
-11.431		6.368	1.345	2.023	9.677	16	-1136.35	2305.489
1.958		2.046	1.68	1.873	-0.199	15	-1137.4	2305.492
1.918	-5.814				-0.123	11	-1141.56	2305.499
-10.85	-11.554	-3.15			9.26	15	-1137.4	2305.502
1.966	-1.802				-0.193	10	-1142.6	2305.522
	-3.254				1.263	10	-1142.6	2305.523
		12.719	-1.636	2.762	1.248	16	-1136.37	2305.533
		2.176	2.856	1.833	1.235	13	-1139.5	2305.536
			0.992	0.688	1.225	11	-1141.58	2305.541
1.951	-6.225	-3.511	-1.171		-0.186	16	-1136.37	2305.542
1.947	-8.65		-2.085		-0.17	12	-1140.55	2305.557
		2.298	1.59	1.233	1.229	13	-1139.52	2305.561
	0.131		1.141	0.719	1.232	11	-1141.59	2305.564
	-8.052		-1.261		1.301	13	-1139.52	2305.573
			2.13	1.595	1.243	15	-1137.44	2305.574
1.953	-6.019	-4.419	-0.595	0.002	-0.189	16	-1136.4	2305.595
	-5.429		0.492	0.577	1.266	12	-1140.58	2305.606
		-0.065	1.022	0.665	1.234	11	-1141.61	2305.609
1.957			3.184	1.656	-0.199	14	-1138.5	2305.61
			1.128	0.675	1.246	11	-1141.62	2305.616
2.016				0.734	-0.289	11	-1141.62	2305.629
1.939	-6.854	-3.021			-0.162	12	-1140.59	2305.638
	-5.364	0.198			1.275	12	-1140.6	2305.652
-6.684	-6.458				6.213	12	-1140.6	2305.661
1.953	-4.667	-2.938		0.464	-0.19	16	-1136.43	2305.663
	-4.858				1.302	13	-1139.58	2305.684
1.996		4.194		1.155	-0.253	12	-1140.62	2305.701
	-7.24	-0.389	-1.618	0.038	1.235	15	-1137.52	2305.736
-11.536	-3.657	4.436		1.288	9.762	17	-1135.42	2305.738
			1.561	1.042	1.228	12	-1140.65	2305.757
1.917	-2.717				-0.11	11	-1141.69	2305.76

	-5.761			0.548	1.276	12	-1140.66	2305.778
	-8.934		-1.134		1.282	13	-1139.63	2305.78
	-8.783	-1.78	-1.253		1.241	13	-1139.64	2305.8
	-7.351	-8.336	2.005		1.256	15	-1137.55	2305.81
	-2.379	0.49			1.287	11	-1141.72	2305.814
-4.609	-6.299			0.436	4.645	13	-1139.65	2305.839
1.99			0.98	0.709	-0.241	11	-1141.74	2305.865
1.91	-5.475				-0.103	12	-1140.72	2305.891
	-4.492	-0.726		0.547	1.253	12	-1140.73	2305.915
1.962			1.937	1.612	-0.203	15	-1137.61	2305.917
	-5.686				1.311	11	-1141.77	2305.918
-10.374	-11.679	-2.318	-0.363		8.911	15	-1137.61	2305.931
1.909	-5.342				-0.102	12	-1140.75	2305.946
	-4.41		-1.131		1.292	12	-1140.75	2305.948
1.963	-1.39				-0.188	10	-1142.82	2305.953
1.942	-8.777		-1.233		-0.166	12	-1140.75	2305.955
	-5.919	-1.027			1.28	12	-1140.75	2305.958
	-8.643		-2.648		1.244	13	-1139.72	2305.965
	-7.216		-1.33	0.412	1.237	13	-1139.72	2305.977
1.978			1.528	1.042	-0.228	12	-1140.77	2305.989
6.588				1.237	-3.639	13	-1139.74	2306.005
1.951	-3.255				-0.173	10	-1142.84	2306.006
0.269				1.197	1	13	-1139.75	2306.034
	-8.562		-1.641		1.246	13	-1139.75	2306.037
1.963	-2.025				-0.19	10	-1142.86	2306.039
	-4.756				1.28	13	-1139.76	2306.052
	-6.957	-0.857	-1.714		1.278	13	-1139.76	2306.057
	-7.877	-1.411	-0.548	0.253	1.241	13	-1139.77	2306.067
-6.469	-9.87		-1.305		6.028	13	-1139.77	2306.069
-29.302		43.247	-10.288	4.289	22.907	16	-1136.64	2306.079
1.966	-7.285		-1.36	0.433	-0.213	13	-1139.78	2306.08
1.988				0.528	-0.246	12	-1140.81	2306.083
1.987			0.55	1.169	-0.24	13	-1139.78	2306.088
	-4.577	0.002			1.274	13	-1139.78	2306.089
	-6.357			0.444	1.275	12	-1140.83	2306.11
	-7.583		-1.952		1.281	13	-1139.79	2306.114
1.952	-6.99	-8.774	2.031		-0.185	15	-1137.72	2306.136
			1.07		1.253	9	-1143.94	2306.145
1.974			1.36	0.813	-0.22	11	-1141.88	2306.15
	-7.131		-0.531	0.372	1.239	13	-1139.82	2306.175
	-2.949			0.393	1.226	11	-1141.9	2306.18
2	-1.806			0.468	-0.26	11	-1141.9	2306.186
0.959			1.326	1.473	0.532	15	-1137.76	2306.214
1.959	-8.771		-2.713		-0.198	13	-1139.84	2306.215
1.999	-1.29	2.49		0.846	-0.26	12	-1140.89	2306.227
	-6.308		0.048		1.313	11	-1141.92	2306.228
1.953	-4.214		0.406	0.748	-0.192	15	-1137.77	2306.235
	-7.013		-0.86		1.296	13	-1139.85	2306.239

1.959		11.667	-1.473	2.689	-0.196	16	-1136.72	2306.24
-26.795	-1.442	37.325	-9.856	3.433	21.059	16	-1136.72	2306.243
	-6.14				1.313	11	-1141.94	2306.258
1.977			2.651	1.554	-0.227	13	-1139.87	2306.279
			2.56	1.484	1.23	13	-1139.88	2306.289
2.007			0.698	0.759	-0.266	12	-1140.92	2306.29
2.016				0.693	-0.286	11	-1141.96	2306.301
	-6.474	-1.006		0.409	1.241	13	-1139.89	2306.306
4.616				1.316	-2.189	14	-1138.85	2306.315
	-6.584	-0.995		0.383	1.243	13	-1139.9	2306.323
	-6.185	-0.797		0.41	1.241	13	-1139.91	2306.342
	-5.084			0.73	1.274	12	-1140.95	2306.359
		-2.062	3.075	1.389	1.245	15	-1137.83	2306.362
	-4.173	-1.115			1.277	11	-1141.99	2306.364
	-4.612	0.007			1.291	13	-1139.92	2306.372
			0.682	1.13	1.227	13	-1139.92	2306.377
	-5.914			0.514	1.245	13	-1139.93	2306.381
		0.542	1.627	0.974	1.233	12	-1140.96	2306.382
	-6.059			0.496	1.244	13	-1139.93	2306.389
1.925	-4.473		-1.172		-0.125	12	-1140.97	2306.397
1.984		1.814	1.178	1.041	-0.237	12	-1140.97	2306.4
	-4.054				1.287	11	-1142.01	2306.401
1.897	-3.908				-0.082	13	-1139.94	2306.405
	-4.515				1.322	10	-1143.05	2306.426
					1.254	9	-1144.09	2306.43
	-7.164	-1.761	-1.367		1.265	12	-1140.99	2306.433
	-9.096	-1.975	-0.984		1.25	13	-1139.95	2306.433
	-9.143	-1.862	-0.988		1.25	13	-1139.95	2306.434
1.936	-7.768		-2.025		-0.145	13	-1139.96	2306.444
1.985	-3.057			0.419	-0.236	11	-1142.04	2306.462
	-4.232	0.532	-1.19		1.28	12	-1141.01	2306.464
-14.455	-3.07	14.094	-3.199	1.967	11.917	18	-1134.74	2306.474
2.01				0.591	-0.272	12	-1141.01	2306.479
			0.517	0.858	1.185	12	-1141.02	2306.502
-15.849	-12.239		-0.599		12.959	15	-1137.9	2306.507
1.994				1.148	-0.253	13	-1139.99	2306.507
				0.81	1.188	12	-1141.04	2306.533
-10.132	-8.487				8.732	13	-1140.01	2306.544
	-2.891	-1.826			1.29	12	-1141.05	2306.545
2.004	-0.811		0.67	0.674	-0.264	12	-1141.05	2306.562
	-6.39				1.283	12	-1141.06	2306.566
	-2.42				1.306	12	-1141.06	2306.569
-11.268					9.573	13	-1140.02	2306.578
	-8.119	-3.234			1.246	13	-1140.03	2306.583
2.003		2.675		1.062	-0.272	12	-1141.08	2306.604
1.999	-1.806	1.669		0.703	-0.26	12	-1141.08	2306.604
			1.599	0.92	1.228	12	-1141.08	2306.605
	-6.623	-0.711			1.273	13	-1140.05	2306.62

1.934	-2.933	-2.302			-0.137	12	-1141.09	2306.627
	-9.638	-1.086	-1.53		1.265	14	-1139.01	2306.64
1.935					-0.15	11	-1142.13	2306.651
	-1.022				1.252	10	-1143.17	2306.659
				0.899	1.188	12	-1141.11	2306.677
	-0.99	-0.653			1.247	10	-1143.18	2306.685
1.999			1.532	0.952	-0.257	12	-1141.12	2306.698
	-5.077			0.686	1.241	13	-1140.08	2306.699
	-2.904	-1.878			1.249	10	-1143.19	2306.707
1.964	-1.582				-0.188	11	-1142.17	2306.722
	-2.906				1.295	12	-1141.13	2306.723
1.961	-6.34	-1.405		0.377	-0.205	13	-1140.1	2306.726
	-4.32	3.016	-1.9	0.898	1.251	17	-1135.92	2306.729
1.957	-8.976	-2.508	-0.918		-0.196	13	-1140.1	2306.739
-5.267	-9.456	-2.681	-0.664		5.161	15	-1138.02	2306.742
2.001			1.342	0.911	-0.259	12	-1141.15	2306.759
	-5.494				1.288	12	-1141.15	2306.759
1.968	-5.173			0.724	-0.212	13	-1140.12	2306.769
2.004	-0.502		0.658	0.698	-0.263	12	-1141.16	2306.779
1.987			1.698	0.936	-0.24	13	-1140.12	2306.779
	-4.374	1.402		0.722	1.246	13	-1140.13	2306.783
2.008	-1.431			0.472	-0.269	12	-1141.17	2306.783
-4.514	-2.613				4.623	12	-1141.17	2306.787
-6.501	-9.153		-1.675		6.031	14	-1139.09	2306.802
1.959	-7.06		-0.494	0.407	-0.204	13	-1140.14	2306.802
	-4.459		0.077	0.662	1.272	12	-1141.18	2306.817
1.979		1.185	1.392	0.991	-0.23	12	-1141.19	2306.826
1.961		-2.768	3.164	1.373	-0.201	15	-1138.07	2306.834
1.93	-8.589		-1.099		-0.14	13	-1140.16	2306.856
1.926	-4.259				-0.13	11	-1142.24	2306.857
1.904	-4.593				-0.096	13	-1140.17	2306.862
			0.978	0.841	1.19	12	-1141.21	2306.869
1.953	-5.405			0.553	-0.192	13	-1140.18	2306.88
			1.086	0.867	1.193	12	-1141.22	2306.889
		1.984	0.977	0.884	1.23	12	-1141.22	2306.896
	-3.524	-0.313			1.29	12	-1141.22	2306.903
1.959	-8.035	-3.674			-0.2	13	-1140.19	2306.915
	-9.22		-1.708		1.264	13	-1140.2	2306.927
1.958	-6.042			0.526	-0.201	13	-1140.21	2306.947
1.98			1.579	0.938	-0.232	12	-1141.25	2306.952
1.953	-8.2		-1.607		-0.193	13	-1140.21	2306.958
	-6.713	0.272	-0.907		1.272	13	-1140.22	2306.962
1.991		1.214	1.16	0.992	-0.246	13	-1140.22	2306.963
	-5.644				1.298	13	-1140.22	2306.964
	-2.125	0.397			1.295	12	-1141.26	2306.98
	-3.332				1.301	12	-1141.26	2306.982
	-0.466		0.77		1.291	10	-1143.33	2306.986
-9.313				0.402	8.087	14	-1139.19	2306.999

				1.086	1.213	13	-1140.24	2307.006
	-0.784			0.463	1.212	11	-1142.32	2307.013
			1.197	0.856	1.197	12	-1141.29	2307.027
2.012	-1.396			0.564	-0.28	12	-1141.29	2307.029
			1.068	0.814	1.196	12	-1141.29	2307.031
		1.415	2.634	1.47	1.231	13	-1140.25	2307.033
1.996	0.899		1.596	1.012	-0.252	13	-1140.25	2307.036
2.009	-1.013			0.519	-0.272	12	-1141.3	2307.054
1.998			1.022	0.805	-0.256	12	-1141.31	2307.075
				0.386	1.255	10	-1143.38	2307.081
-10.065	-9.777	-6.139	1.76		8.68	16	-1137.15	2307.089
1.966	-2.886				-0.197	11	-1142.36	2307.093
	-3.913				1.304	14	-1139.24	2307.094
				0.515	1.22	13	-1140.3	2307.125
-11.248		5.076	1.031	1.08	9.523	13	-1140.3	2307.138
2			0.75	0.725	-0.257	13	-1140.3	2307.139
			1.464	0.916	1.208	12	-1141.35	2307.147
1.914	-2.434				-0.102	12	-1141.35	2307.16
1.965	-1.024				-0.194	10	-1143.42	2307.167
1.992			1.683	0.981	-0.246	12	-1141.36	2307.167
				0.708	1.173	11	-1142.4	2307.175
-4.051	-3.277				4.245	11	-1142.4	2307.186
-6.161			2.556	1.486	5.789	16	-1137.2	2307.19
2.01	-1.778			0.511	-0.276	12	-1141.37	2307.19
-10.496		1.444	2.813	1.529	8.984	16	-1137.2	2307.198
1.916	-6.571		-0.919		-0.114	13	-1140.34	2307.206
1.985	0.751		2.382	1.203	-0.236	12	-1141.38	2307.219
		0.224	1.354	0.826	1.234	12	-1141.39	2307.232
1.958	-4.392	0.885		0.702	-0.197	13	-1140.35	2307.234
1.969	-2.571				-0.203	10	-1143.46	2307.242
1.993		2.489	0.688	1.06	-0.247	13	-1140.36	2307.245
2.015	-0.777			0.613	-0.283	12	-1141.4	2307.248
		1.626	1.49	1.161	1.231	13	-1140.36	2307.255
-0.729	-4.429			0.583	1.783	13	-1140.36	2307.259
1.938			2.033	0.938	-0.156	11	-1142.45	2307.274
	-3.866		-0.476		1.25	11	-1142.45	2307.282
	-6.735	-1.293			1.259	13	-1140.38	2307.29
			2.677	1.332	1.229	13	-1140.38	2307.298
-1.476	-8.382		-1.959		2.351	13	-1140.39	2307.306
1.96	-1.193				-0.182	11	-1142.47	2307.316
2.002	-0.771			0.488	-0.263	11	-1142.48	2307.338
			1.256	0.788	1.226	12	-1141.44	2307.339
	-2.707				1.262	11	-1142.48	2307.35
1.984			1.445	1.453	-0.236	14	-1139.37	2307.356
	-8.538	0.117	-2.036		1.265	13	-1140.42	2307.363
	0.05		1.179	0.792	1.214	12	-1141.46	2307.366
-2.152				0.921	2.816	15	-1138.33	2307.37
-2.962	-6.732	-1.845			3.458	13	-1140.42	2307.37

				0.594	1.182	12	-1141.46	2307.374
1.955	-4.338	2.098	-1.733	0.861	-0.192	17	-1136.24	2307.375
	-5.112	-0.799		0.63	1.246	13	-1140.43	2307.388
	-8.989		-1.647		1.285	14	-1139.39	2307.393
			0.627		1.249	10	-1143.55	2307.418
	-3.07	1.968		0.591	1.232	12	-1141.49	2307.429
	-4.972		0.849	0.715	1.258	13	-1140.46	2307.444
1.944	-9.113		-1.882		-0.166	13	-1140.46	2307.446
1.924	-5.843				-0.134	12	-1141.5	2307.458
	-6.114	-1.176	-0.773	0.406	1.249	13	-1140.47	2307.466
		2.444	2.009	1.405	1.228	14	-1139.43	2307.471
-2.446			1.011	0.663	3.029	12	-1141.51	2307.472
1.995		2.294		0.861	-0.252	13	-1140.48	2307.482
1.978			2.758	1.392	-0.229	13	-1140.48	2307.487
1.918	-3.35				-0.111	12	-1141.53	2307.506
	-9.02	1.415	-3.057		1.251	14	-1139.45	2307.506
	-6.653	-2.513			1.273	13	-1140.49	2307.507
1.973	-1.713	-0.515			-0.206	11	-1142.56	2307.512
	-4.321	-1.505	-0.996		1.282	13	-1140.49	2307.516
	-7.34	1.578	-1.394	0.544	1.241	14	-1139.46	2307.533
	-9.029		-2.302		1.244	14	-1139.46	2307.537
1.919	-5.361				-0.125	12	-1141.55	2307.544
1.951					-0.167	11	-1142.58	2307.551
-5.166	-8.212		-0.702	0.298	5.051	14	-1139.47	2307.551
1.983		1.445	0.97	0.851	-0.232	12	-1141.55	2307.553
1.999	-0.612			0.478	-0.259	13	-1140.51	2307.559
1.94	-4.352	-2.007	-0.996		-0.15	13	-1140.52	2307.56
	-3.334				1.263	11	-1142.6	2307.574
	-0.78	-0.694		0.379	1.22	11	-1142.6	2307.578
1.965	-1.772				-0.193	11	-1142.6	2307.581
			1.072	0.716	1.225	12	-1141.57	2307.584
1.967	-1.843		-0.039		-0.195	11	-1142.6	2307.585
	-3.256	0.069			1.264	11	-1142.6	2307.586
1.95	-8.509	-0.37	-2.014		-0.175	13	-1140.53	2307.598
-6.693	-5.904				6.219	13	-1140.54	2307.605
1.991			1.272	0.82	-0.242	12	-1141.58	2307.605
	0.036		1.027	0.7	1.225	12	-1141.58	2307.61
1.936	0.872		2.008	0.917	-0.161	11	-1142.62	2307.613
		2.285	2.827	1.838	1.232	14	-1139.5	2307.617
					1.274	12	-1141.58	2307.617
	0.164	0.034	1.181	0.729	1.234	12	-1141.59	2307.631
	0.132		1.14	0.719	1.232	12	-1141.59	2307.635
			1.79	0.806	1.243	10	-1143.66	2307.638
	-5.481		0.378	0.59	1.267	13	-1140.56	2307.645
2.017				0.719	-0.288	12	-1141.6	2307.652
		-0.068	1.097	0.691	1.235	12	-1141.6	2307.654
					1.285	10	-1143.67	2307.659
1.971		-1.616			-0.204	12	-1141.61	2307.674

			1.553	1.405	1.229	14	-1139.54	2307.685
1.993		3.662	0.299	1.127	-0.247	13	-1140.58	2307.692
-3.547	-4.321		-1.061		3.904	13	-1140.59	2307.701
1.988	-2.094	1.623		0.622	-0.242	12	-1141.63	2307.704
1.965	-3.912		-0.511		-0.197	11	-1142.67	2307.721
1.938	-6.794	-3.004			-0.16	13	-1140.6	2307.722
-11.882	-9.476	4.982	-3.764		10.01	15	-1138.51	2307.725
1.995	0.442	4.723		1.259	-0.251	13	-1140.6	2307.739
1.997		4.024		1.145	-0.255	13	-1140.61	2307.741
1.989	-0.923		0.702	0.633	-0.241	12	-1141.65	2307.754
1.995		4.034		1.117	-0.251	13	-1140.61	2307.756
1.972		1.206	1.534	1.175	-0.222	13	-1140.62	2307.77
-7.013	-5.94	1.505		0.549	6.416	14	-1139.58	2307.774
	-2.344			0.428	1.222	12	-1141.67	2307.784
1.953	-0.8				-0.174	12	-1141.67	2307.789
-1.311			1.532	1.001	2.197	13	-1140.64	2307.803
	-7.638		-1.09	0.391	1.239	14	-1139.6	2307.81
	-8.822	-1.222	-1.425		1.24	14	-1139.6	2307.812
-6.222	-7.083			0.363	5.832	14	-1139.6	2307.812
			0.989		1.276	10	-1143.75	2307.819
	-5.815			0.573	1.276	13	-1140.65	2307.831
1.963	-2.903				-0.193	12	-1141.7	2307.845
1.955	-2.723				-0.177	11	-1142.73	2307.846
					1.265	10	-1143.77	2307.852
	-6.399		-0.238		1.312	12	-1141.7	2307.853
2				0.55	-0.26	13	-1140.67	2307.864
	-9.129	-1.912	-1.459	-0.084	1.243	14	-1139.63	2307.87
1.991	-0.734	2.271	0.559	0.93	-0.246	13	-1140.67	2307.872
1.971	-2.129				-0.208	10	-1143.78	2307.876
1.97		-11.313	5.269		-0.212	13	-1140.68	2307.88
			1		1.273	10	-1143.78	2307.881
	-8.787	-1.781	-1.269		1.242	14	-1139.63	2307.882
7.794				1.346	-4.536	14	-1139.64	2307.886
	-5.838				1.305	12	-1141.72	2307.89
			1.068		1.274	10	-1143.79	2307.891
	-2.104	-1.36			1.249	11	-1142.76	2307.901
1.989			1.067	0.74	-0.241	12	-1141.72	2307.901
	-7.9		-2.019	0.215	1.238	14	-1139.65	2307.904
-10.086	-3.132	4.527		0.722	8.67	13	-1140.69	2307.912
-4.617	-6.407			0.443	4.647	14	-1139.65	2307.913
	-5.178				1.261	11	-1142.77	2307.916
	-4.331		0.81	0.942	1.256	13	-1140.7	2307.925
1.989	0.048		1.027	0.725	-0.241	12	-1141.74	2307.932
1.96	-1.925				-0.185	11	-1142.78	2307.935
1.961	-7.349	1	-1.392	0.519	-0.206	14	-1139.67	2307.946
1.964	-1.654				-0.19	11	-1142.78	2307.949
1.969	-1.34	-0.476			-0.199	11	-1142.79	2307.958
1.973		1.572	2.844	1.799	-0.222	14	-1139.68	2307.962

5.385			0.321	1.221	-2.75	14	-1139.68	2307.966
				0.605	1.191	11	-1142.79	2307.968
					1.238	11	-1142.8	2307.975
					1.244	11	-1142.8	2307.983
1.911	-5.268				-0.109	13	-1140.73	2307.985
1.987		2.224	1.561	1.24	-0.242	13	-1140.73	2307.997
1.99	-2.28		-0.846		-0.234	12	-1141.78	2308.005
1.99	-1.025	1.649	0.674	0.844	-0.245	13	-1140.74	2308.008
1.965	-1.454		-0.076		-0.192	11	-1142.81	2308.01
-0.978	-8.587		-2.616		1.965	14	-1139.7	2308.017
1.952					-0.177	10	-1143.85	2308.025
			1.172		1.275	10	-1143.85	2308.027
-4.803	-2.425				4.841	13	-1140.75	2308.028
		1.427		0.622	1.214	13	-1140.75	2308.029
1.995	-1.146	2.305		0.774	-0.251	13	-1140.75	2308.034
	-0.834				1.255	11	-1142.83	2308.04
1.955	-3.24	-0.317			-0.179	11	-1142.83	2308.043
1.952	-3.355				-0.173	11	-1142.83	2308.05
				0.492	1.191	12	-1141.8	2308.058
1.965	-7.827		-1.912	0.275	-0.211	14	-1139.72	2308.061
	-8.065		-1.262	0.141	1.242	14	-1139.73	2308.068
-0.013	-7.013		-1.282	0.41	1.244	14	-1139.73	2308.068
1.968	-2.213		-0.163		-0.199	11	-1142.84	2308.069
	-3.187			0.424	1.224	12	-1141.81	2308.07
1.956	-9.034		-2.482		-0.195	14	-1139.73	2308.071
-7.368	-4.333	3.464		0.818	6.681	14	-1139.73	2308.073
-3.894	-4.077				4.153	12	-1141.81	2308.078
1.967	-1.961	-0.3			-0.197	11	-1142.85	2308.08
		-2.908			1.246	13	-1140.78	2308.08
	-5.081	-0.264			1.273	14	-1139.73	2308.081
-2.037	-7.398		-1.876		2.782	14	-1139.73	2308.081
-10.421	-7.472				8.939	14	-1139.74	2308.084
1.993	-2.337			0.453	-0.247	12	-1141.82	2308.092
1.963	-7.492		-1.232	0.424	-0.209	14	-1139.74	2308.095
1.977	-2.953	1.319		0.546	-0.226	12	-1141.82	2308.097
-7.648	-9.979		-1.079		6.895	14	-1139.74	2308.102
	-0.827				1.336	9	-1144.92	2308.102
2.003	0.994		1.133	0.933	-0.261	13	-1140.79	2308.103
1.982				0.542	-0.24	13	-1140.79	2308.107
1.953	-8.998	0.818	-2.947		-0.189	14	-1139.75	2308.117
1.993		-0.361		0.487	-0.252	13	-1140.79	2308.118
	-7.821	-0.973	-0.596	0.283	1.239	14	-1139.75	2308.118
	-7.236	-0.593	-1.814		1.278	14	-1139.75	2308.12
		0.128	1.14		1.269	10	-1143.9	2308.121
-2.111	-3.097			0.368	2.783	12	-1141.84	2308.124
1.93	-8.708		-1.797		-0.137	14	-1139.76	2308.125
1.946		-2.234	1.191		-0.165	10	-1143.91	2308.129
	-2.636	-1.472			1.296	13	-1140.8	2308.132

	-7.821	-1.39	-0.601	0.267	1.241	14	-1139.76	2308.134
1.968		0.603	1.426	0.89	-0.211	12	-1141.84	2308.135
2.001	-0.858	2.637		0.922	-0.263	13	-1140.8	2308.135
-5.664	-9.557	-0.353	-1.229		5.43	14	-1139.77	2308.143
	-1.116		2.289	1.087	1.242	12	-1141.85	2308.15
-30.45	0.76	46.079	-10.491	4.697	23.754	17	-1136.63	2308.158
-9.148		4.24	1.434	1.271	7.978	14	-1139.78	2308.172
1.985		1.753	1.834	1.238	-0.239	13	-1140.83	2308.189
-6.333	-8.842	-1.971			5.918	14	-1139.79	2308.191
2.013				0.652	-0.28	12	-1141.87	2308.194
-4.777	-1.025				4.769	11	-1142.91	2308.211
1.998	-2.351			0.355	-0.26	11	-1142.92	2308.219
1.956					-0.18	10	-1143.95	2308.219
	-2.942		0.095	0.415	1.228	12	-1141.88	2308.221
1.944	-7.114	-1.139	-1.766		-0.158	14	-1139.81	2308.236
	-0.827	-0.736			1.25	11	-1142.93	2308.238
	-6.691	-5.656	1.695		1.234	13	-1140.86	2308.241
1.999	-1.78			0.457	-0.257	12	-1141.89	2308.242
1.994	-1.623	1.559		0.629	-0.25	13	-1140.86	2308.25
1.947		-1.935	1.182	0.439	-0.171	11	-1142.94	2308.272
	-6.256		0.143		1.311	12	-1141.91	2308.278
		1.494	1.485	1.027	1.231	13	-1140.88	2308.284
	-7.172	-1.751	-1.58		1.263	13	-1140.88	2308.286
					1.235	10	-1143.99	2308.297
	-4.111	12.9	-4.574	1.668	1.246	15	-1138.8	2308.303
	-4.626	-1.197			1.28	12	-1141.93	2308.306
1.929	-2.713	-1.978			-0.127	13	-1140.89	2308.312
	-0.239				1.275	10	-1144	2308.316
1.991	-3.22			0.452	-0.245	12	-1141.93	2308.321
1.961	-8.813	-1.866	-1.302		-0.206	14	-1139.86	2308.322
	-5.219		-0.363		1.325	11	-1142.97	2308.323
-12.142	-6.197				10.177	13	-1140.9	2308.334
-13.039	-0.909	6.042		0.917	10.831	13	-1140.9	2308.338
	-4.32	-0.654			1.282	12	-1141.94	2308.338
			2.257	1.182	1.192	11	-1142.98	2308.342
				0.543	1.202	11	-1142.98	2308.343
2.007			0.546	0.716	-0.267	13	-1140.91	2308.347
	-5.143	1.441		0.826	1.244	14	-1139.87	2308.349
0.854			2.572	1.507	0.602	14	-1139.87	2308.349
	-5.947			0.576	1.241	14	-1139.87	2308.354
1.971	-3.811				-0.212	11	-1142.99	2308.354
	-0.782	2.086		0.673	1.216	12	-1141.96	2308.367
	-6.381	-0.736		0.432	1.243	14	-1139.89	2308.383
	-6.487	-1.002		0.409	1.241	14	-1139.89	2308.388
					1.24	10	-1144.04	2308.402
	-6.394	-0.97		0.382	1.241	14	-1139.9	2308.414
		-0.101			1.241	10	-1144.05	2308.421
1.996	-1.418		0.823	0.636	-0.253	13	-1140.95	2308.422

					1.243	10	-1144.06	2308.44
1.875			1.448	0.501	-0.057	10	-1144.06	2308.445
	-4.105				1.286	12	-1142	2308.457
	-3.319	-1.637			1.291	13	-1140.96	2308.458
-13.465		2.809		0.612	11.151	15	-1138.88	2308.462
	-5.796				1.279	13	-1140.97	2308.462
			0.488	0.896	1.192	13	-1140.97	2308.472
					1.288	12	-1142.01	2308.482
1.993	-2.129	3.542		0.748	-0.261	11	-1143.05	2308.484
1.899	-3.821				-0.089	14	-1139.94	2308.493
	-9.023	-2.314	-0.763		1.248	14	-1139.94	2308.495
	-2.754	-1.864		0.173	1.235	11	-1143.06	2308.505
1.963	-7.879	-1.629	-0.581	0.249	-0.209	14	-1139.95	2308.514
			0.345	0.83	1.188	13	-1140.99	2308.515
1.984	-2.931		0.092	0.439	-0.235	12	-1142.03	2308.523
	-4.28				1.321	11	-1143.07	2308.524
-10.639	-9.156	2.138	-2.098		9.084	15	-1138.91	2308.524
	-0.776	-0.43	0.34		1.257	11	-1143.07	2308.525
-2.561			1.573	0.871	3.118	13	-1141.01	2308.54
2.01	-0.009			0.591	-0.272	13	-1141.01	2308.556
		-0.296		0.489	1.209	11	-1143.09	2308.559
	-7.723	-3.122			1.248	14	-1139.97	2308.562
-4.384	-3.317				4.528	13	-1141.02	2308.571
	-0.82		0.302		1.261	11	-1143.1	2308.577
1.936	-3.225	-2.12			-0.14	13	-1141.03	2308.588
1.936			1.168		-0.151	10	-1144.14	2308.597
1.963	-0.841				-0.19	11	-1143.11	2308.599
-9.834		-0.738			8.512	14	-1140	2308.607
				0.813	1.189	13	-1141.04	2308.61
	-3.192	-1.948			1.247	11	-1143.11	2308.61
-8.278	-10.762		-2.768	-0.395	7.35	15	-1138.95	2308.61
1.963	-6.691	-6.097	1.691		-0.215	13	-1141.04	2308.614
1.941					-0.155	12	-1142.08	2308.614
-11.568					9.789	14	-1140	2308.615
1.988	-1.785		-0.899		-0.229	12	-1142.08	2308.619
1.934	-4.361	-1.079			-0.145	12	-1142.09	2308.626
2.004	-0.668		0.84	0.731	-0.263	13	-1141.05	2308.627
-1.041	-2.752	-1.569			2.057	13	-1141.05	2308.627
2	-1.699	1.558		0.711	-0.263	13	-1141.05	2308.63
	-2.495				1.306	13	-1141.06	2308.643
1.874			1.506		-0.051	9	-1145.19	2308.647
2.007				0.569	-0.278	11	-1143.13	2308.65
-11.288			0.036		9.59	14	-1140.02	2308.658
	0.813	1.054	2.539	1.335	1.232	13	-1141.07	2308.675
1.964	-5.207	0.912		0.819	-0.208	14	-1140.04	2308.683
1.957	-5.611			0.651	-0.199	14	-1140.04	2308.697
2	-1.533				-0.265	9	-1145.22	2308.704
2.002	-1.924			0.382	-0.266	11	-1143.16	2308.709

	-1.011	-0.245			1.249	11	-1143.16	2308.71
1.938					-0.154	12	-1142.13	2308.711
1.935			0.051		-0.148	12	-1142.13	2308.716
	-2.749	-1.738	0.161		1.254	11	-1143.17	2308.719
2.002	-2.006			0.405	-0.261	13	-1141.1	2308.72
1.97		-3.342			-0.212	13	-1141.1	2308.726
	-0.671			0.411	1.217	12	-1142.14	2308.727
		0.497	2.179	1.159	1.234	13	-1141.1	2308.728
		2.071	1.267	1.006	1.23	13	-1141.1	2308.728
1.985		-2.707	2.583	0.76	-0.238	14	-1140.06	2308.729
1.987	-3.104	-1.312			-0.234	12	-1142.15	2308.748
1.996			1.739	0.996	-0.253	13	-1141.11	2308.753
1.965	-6.463	-1.408		0.398	-0.21	14	-1140.07	2308.756
0.114	-5.141			0.698	1.152	14	-1140.08	2308.773
1.967	-1.558	-0.177			-0.193	12	-1142.16	2308.783
	-5.137				1.243	10	-1144.24	2308.793
	-2.966	-0.07			1.294	13	-1141.13	2308.795
1.962	-6.499	-1.632		0.342	-0.209	14	-1140.1	2308.803
2.003	-0.257		1.021	0.813	-0.262	13	-1141.14	2308.805
1.958	-8.933	-2.715	-0.784		-0.198	14	-1140.1	2308.814
1.981		1.543	1.995	1.246	-0.231	13	-1141.15	2308.826
1.958	-7.453		-0.88	0.28	-0.202	14	-1140.11	2308.831
1.986	0.288		1.79	0.98	-0.239	14	-1140.12	2308.843
-8.089	-7.709	4.106	-1.541	0.65	7.208	15	-1139.08	2308.852
1.963		-1.127	1.669	0.757	-0.196	12	-1142.2	2308.854
1.927			1.301		-0.136	10	-1144.27	2308.863
1.976		0.949	1.51	1.007	-0.227	13	-1141.17	2308.866
			1.041		1.242	8	-1146.33	2308.874
1.987			1.378	0.84	-0.242	14	-1140.13	2308.874
-6.299	-9.164		-1.722		5.883	15	-1139.09	2308.889
					1.25	11	-1143.26	2308.895
		-13.736	6.249		1.257	14	-1140.15	2308.909
1.953	-2.071				-0.176	13	-1141.2	2308.922
1.929	-4.133				-0.137	12	-1142.24	2308.926
	-0.515		1.735	0.975	1.227	13	-1141.2	2308.929
	-4.013		1.112		1.258	11	-1143.27	2308.929
-10.154		4.388	1.335	1.135	8.718	14	-1140.16	2308.931
1.958	-8.074	-3.66			-0.2	14	-1140.16	2308.931
-2.607	-0.802			0.43	3.135	12	-1142.24	2308.931
				0.805	1.18	10	-1144.31	2308.932
-6.708	-3.207	1.306			6.213	12	-1142.24	2308.934
			0.886	0.815	1.19	13	-1141.2	2308.939
1.968					-0.206	10	-1144.31	2308.941
		1.969	1.052	0.908	1.23	13	-1141.21	2308.947
1.989	0.53	0.865	1.444	1.045	-0.243	14	-1140.17	2308.954
1.96	-4.303	11.17	-4.216	1.536	-0.201	15	-1139.13	2308.958
				0.309	1.272	11	-1143.29	2308.961
			1.998	1.058	1.227	13	-1141.22	2308.962

		-0.365			1.248	11	-1143.29	2308.964
			0.508		1.275	11	-1143.29	2308.967
	0.023	1.981	0.999	0.891	1.23	13	-1141.22	2308.972
-4.247	-2.684				4.388	12	-1142.27	2308.984
	-0.395		0.696		1.284	11	-1143.32	2309.017
1.991		1.018	1.008	0.915	-0.246	14	-1140.2	2309.019
1.98	-1.521		-0.823		-0.219	13	-1141.25	2309.027
1.995	-0.769	1.512		0.64	-0.255	12	-1142.29	2309.029
-7.925		4.874	2.743	1.944	7.081	15	-1139.17	2309.037
		-1.105		0.419	1.219	14	-1140.22	2309.044
-3.549	-3.795		-0.405		3.865	12	-1142.3	2309.045
	-0.453		0.77		1.292	11	-1143.33	2309.048
1.958	-2.855		0.304		-0.183	12	-1142.3	2309.048
	-2.36	2.002		0.628	1.227	13	-1141.27	2309.074
1.921			1.419		-0.127	10	-1144.38	2309.076
		0.698	2.98	1.387	1.227	12	-1142.32	2309.091
1.977	0.931	0.898	2.702	1.387	-0.224	13	-1141.28	2309.094
			1.143	0.84	1.196	13	-1141.29	2309.102
1.998	-0.667			0.44	-0.256	12	-1142.32	2309.102
2.012	-1.451			0.559	-0.28	13	-1141.29	2309.105
1.996	0.729		1.385	0.938	-0.252	14	-1140.25	2309.105
1.957	-0.836		0.279		-0.181	11	-1143.36	2309.108
	0.605		2.131	1.092	1.226	13	-1141.29	2309.111
		1.35	2.667	1.472	1.228	14	-1140.25	2309.112
	0.113			0.42	1.244	11	-1143.37	2309.113
-11.243		5.293	1.223	1.178	9.52	14	-1140.25	2309.114
1.952		-13.959	6.127		-0.183	14	-1140.25	2309.121
6.285			1.217	1.562	-3.411	15	-1139.21	2309.123
1.972	-0.994	-0.659			-0.206	11	-1143.37	2309.131
1.986			2.091	1.118	-0.238	13	-1141.3	2309.133
					1.24	10	-1144.41	2309.133
2.011				0.825	-0.303	10	-1144.42	2309.152
				0.548	1.199	11	-1143.39	2309.157
1.99	0.797	2.425	1.026	1.189	-0.244	14	-1140.27	2309.16
1.966	-2.911				-0.198	12	-1142.35	2309.162
1.966			-0.677		-0.193	12	-1142.35	2309.163
-11.954	-0.16	5.451	0.896	1.071	10.044	14	-1140.28	2309.17
1.931					-0.137	12	-1142.36	2309.174
			1.021	0.454	1.234	9	-1145.47	2309.195
-11.774		5.366	1.003	1.098	9.911	14	-1140.3	2309.204
1.979	-1.664	-8.824	3.914		-0.227	14	-1140.3	2309.216
	-1.613	-1.191		0.307	1.226	12	-1142.38	2309.223
1.914	-2.573				-0.103	13	-1141.35	2309.229
1.991	0.222		1.884	1.046	-0.244	13	-1141.35	2309.233
1.976	-2.832		-0.233		-0.215	11	-1143.43	2309.236
-4.029	-3.329				4.229	12	-1142.4	2309.251
-3.954	-8.689	1.129	-2.109		4.185	14	-1140.32	2309.253
		0.914			1.263	12	-1142.4	2309.261

1.934			1.181		-0.159	8	-1146.53	2309.265
	-3.373		-0.366		1.253	12	-1142.41	2309.271
1.964	-2.613	0.312			-0.196	11	-1143.45	2309.278
1.984	-2.296	2.485		0.645	-0.24	12	-1142.42	2309.288
1.987	0.687		2.272	1.168	-0.239	13	-1141.38	2309.292
1.958	-0.795				-0.177	12	-1142.42	2309.299
-6.145			1.198		5.8	11	-1143.46	2309.302
1.968	-2.541				-0.203	11	-1143.46	2309.303
	-3.973	0.44	-0.541		1.254	12	-1142.42	2309.303
1.985	-2.509	2.162		0.591	-0.242	12	-1142.43	2309.313
	-3.827		-0.566		1.248	12	-1142.43	2309.316
					1.275	11	-1143.47	2309.317
		-0.893			1.235	10	-1144.5	2309.32
1.984		1.49	1.283	0.977	-0.233	13	-1141.4	2309.327
-1.99			1.247	0.758	2.693	13	-1141.4	2309.327
	-2.929				1.236	10	-1144.51	2309.331
			2.924	1.301	1.232	12	-1142.44	2309.331
-11.646	-2.318	5.332		0.827	9.814	14	-1140.36	2309.332
1.993		2.282	0.521	0.981	-0.25	14	-1140.36	2309.336
		0.861			1.275	12	-1142.44	2309.342
-1.353			2.652	1.307	2.228	14	-1140.37	2309.345
1.941			0.605		-0.155	11	-1143.48	2309.347
	-8.147	1.609	-2.293	0.28	1.243	15	-1139.33	2309.359
1.977	-3.808	-3.806	1.769		-0.23	12	-1142.46	2309.369
-13.392	-5.705		1.428		11.129	13	-1141.42	2309.369
			0.728		1.267	11	-1143.5	2309.373
1.973		-9.07	3.788		-0.218	14	-1140.38	2309.375
1.963	-1.182	-0.157			-0.186	12	-1142.46	2309.379
	-2.472				1.262	12	-1142.47	2309.393
2.008				0.571	-0.282	11	-1143.51	2309.408
1.922	-5.62				-0.133	13	-1141.44	2309.412
-3.621	-6.514	-1.53			3.944	14	-1140.4	2309.412
		-0.654		0.725	1.187	10	-1144.55	2309.415
	-0.694	-0.744		0.332	1.224	12	-1142.48	2309.417
	-2.701	-0.055			1.261	12	-1142.48	2309.419
		-4.336	0.814		1.267	14	-1140.4	2309.421
	-3.152	1.801		0.595	1.232	13	-1141.45	2309.424
	-5.71	-0.956	-0.307	0.565	1.246	14	-1140.41	2309.424
		0.102	0.694		1.262	11	-1143.52	2309.425
1.972			2.968	1.341	-0.223	12	-1142.49	2309.425
1.927			1.121		-0.133	11	-1143.52	2309.429
1.981	-1.307	1.386	0.585	0.736	-0.229	13	-1141.45	2309.436
1.953	0.645	-0.837	1.748	0.782	-0.185	12	-1142.5	2309.446
		0.925		0.74	1.2	12	-1142.5	2309.453
	-5.009		0.71	0.742	1.26	14	-1140.42	2309.459
	-4.993	-0.492			1.23	12	-1142.51	2309.466
			0.654		1.255	11	-1143.54	2309.468
			0.662		1.254	11	-1143.54	2309.471

-7.959	-8.038	1.67	-0.755	0.407	7.11	15	-1139.39	2309.475
			2.494	1.164	1.223	12	-1142.51	2309.475
1.965					-0.197	11	-1143.55	2309.476
			2.72	1.204	1.219	12	-1142.51	2309.481
				0.435	1.211	12	-1142.52	2309.488
1.986				0.891	-0.263	11	-1143.56	2309.495
1.977		-2.327			-0.219	13	-1141.48	2309.496
1.978		0.673	2.742	1.457	-0.229	14	-1140.44	2309.496
				0.619	1.192	11	-1143.56	2309.499
	-2.973	1.964	0.07	0.606	1.232	13	-1141.49	2309.5
	-0.264		1.706	0.706	1.268	11	-1143.56	2309.501
	-3.147		1.416	0.478	1.219	12	-1142.53	2309.504
1.995	-0.825	0.728		0.562	-0.252	14	-1140.45	2309.511
1.971	-0.491	-1.085			-0.2	13	-1141.49	2309.512
	-1.002		0.686	0.603	1.226	13	-1141.49	2309.514
-4.951	-0.825				4.899	12	-1142.53	2309.522
1.996	-1.086			0.437	-0.253	14	-1140.46	2309.525
-2.392			1.081	0.689	2.99	13	-1141.5	2309.527
1.96		-0.566			-0.182	12	-1142.54	2309.53
1.913			1.469		-0.114	10	-1144.61	2309.537
1.975	-1.598	-0.681			-0.209	12	-1142.54	2309.542
-2.436	0.023		1.033	0.671	3.022	13	-1141.51	2309.547
1.995	-0.174	2.326		0.85	-0.252	14	-1140.47	2309.548
1.995		2.433		0.881	-0.252	14	-1140.48	2309.563
1.971					-0.211	10	-1144.62	2309.564
					1.28	13	-1141.52	2309.572
					1.261	11	-1143.6	2309.576
	-2.515				1.228	9	-1145.66	2309.579
1.973	-1.701	-0.52	0.01		-0.206	12	-1142.56	2309.582
	-8.868	1.087	-2.836		1.249	15	-1139.44	2309.585
-14.001	-9.317	7.958	-5.233		11.584	16	-1138.4	2309.586
1.984	-3.125	-1.085			-0.228	13	-1141.53	2309.589
1.982		1.437	1.059	0.881	-0.231	13	-1141.53	2309.594
-0.211	-4.318	-1.45	-0.997		1.438	14	-1140.49	2309.598
	-8.669		-2.035	0.098	1.241	15	-1139.45	2309.599
	0.27				1.272	11	-1143.61	2309.607
1.968		-1.546			-0.206	11	-1143.61	2309.609
-13.225	-0.672	5.708		0.791	10.976	14	-1140.5	2309.62
	-2.408		1.174	0.792	1.229	13	-1141.55	2309.621
1.983	0.045	1.442	1.014	0.865	-0.232	13	-1141.55	2309.626
-4.544	-8.142		-0.793	0.312	4.592	15	-1139.46	2309.63
			1.746	0.841	1.229	11	-1143.63	2309.644
	-3.334	0.004			1.263	12	-1142.6	2309.645
		20.461	-5.753	2.541	1.242	14	-1140.52	2309.649
1.966	-1.793		-0.016		-0.194	12	-1142.6	2309.652
1.98	-2.98		-0.541		-0.222	13	-1141.56	2309.658
				0.657	1.197	12	-1142.6	2309.661
			1.796	0.843	1.233	11	-1143.64	2309.668

1.953					-0.175	11	-1143.64	2309.67
			0.53		1.269	11	-1143.65	2309.677
			1.785	0.831	1.237	11	-1143.65	2309.689
	-0.684			0.251	1.33	10	-1144.69	2309.691
	0.397	0.182	1.247	0.764	1.234	13	-1141.58	2309.693
			0.004		1.274	13	-1141.58	2309.694
		-0.038	1.774	0.815	1.238	11	-1143.66	2309.695
1.944			1.121	0.457	-0.179	9	-1145.72	2309.698
		22.365	-5.002	3.232	1.243	15	-1139.51	2309.719
1.993	-2.048	-2.255			-0.248	14	-1140.55	2309.719
-5.727					5.499	13	-1141.6	2309.722
					1.252	11	-1143.67	2309.723
		-1.283	1.157		1.266	11	-1143.67	2309.724
	-11.342	-8.999		-1.054	1.239	14	-1140.56	2309.727
1.965	-3.477		-0.414		-0.194	12	-1142.64	2309.729
1.985	-2.358	1.478		0.6	-0.237	13	-1141.6	2309.736
		2.119		0.756	1.205	12	-1142.65	2309.744
-2.18	-2.355			0.401	2.83	13	-1141.61	2309.746
1.972		-1.625	-0.038		-0.206	13	-1141.61	2309.748
1.992		3.548	0.538	1.178	-0.247	14	-1140.57	2309.749
-6.768	-6.843	-4.21	1.723		6.227	14	-1140.57	2309.749
1.968	-3.874		-0.597		-0.201	12	-1142.65	2309.758
			-0.88		1.274	13	-1141.62	2309.762
1.995	-3.304			0.284	-0.256	12	-1142.66	2309.766
1.996	0.545	4.637		1.271	-0.254	14	-1140.58	2309.768
1.981	-2.55		-0.361		-0.225	11	-1143.69	2309.772
1.97	-2.014	1.774			-0.213	10	-1144.73	2309.777
1.988	-2.078	1.606		0.615	-0.241	13	-1141.62	2309.778
1.994	0.329	4.013	0.234	1.179	-0.252	14	-1140.58	2309.778
1.973	-2.402		-0.473		-0.208	12	-1142.66	2309.778
1.961	-2.27	0.7			-0.191	11	-1143.7	2309.79
1.981	-2.349		1.274	0.853	-0.232	13	-1141.63	2309.79
1.965	-3.918	0.026	-0.515		-0.196	12	-1142.67	2309.791
		-0.203	0.831		1.263	11	-1143.71	2309.794
	-4.767		0.39		1.263	12	-1142.68	2309.812
2.028	-1.342			0.365	-0.319	10	-1144.75	2309.812
-11.882	-9.478	4.982	-3.766	-0.001	10.01	16	-1138.51	2309.819
1.995	0.377	4.59		1.231	-0.251	14	-1140.6	2309.821
1.954					-0.178	11	-1143.72	2309.821
			0.975		1.28	11	-1143.72	2309.823
2.004				0.646	-0.286	11	-1143.72	2309.823
1.989	-1.01		0.678	0.625	-0.24	13	-1141.65	2309.829
1.949		-4.991	0.932		-0.171	14	-1140.61	2309.833
1.987		-1.701		0.385	-0.246	14	-1140.61	2309.839
	-2.492			0.437	1.221	13	-1141.66	2309.848
	-5.03			0.13	1.246	12	-1142.7	2309.849
			0.871		1.268	11	-1143.73	2309.85
-7.176	-6.358	1.248		0.506	6.536	15	-1139.57	2309.851

-6.969	-6.017	1.508		0.549	6.385	15	-1139.58	2309.858
		11.313		2.549	1.238	14	-1140.62	2309.859
1.961	-2.671	-0.451			-0.186	12	-1142.7	2309.863
			-0.439		1.232	12	-1142.71	2309.864
			2.165	0.706	1.22	11	-1143.75	2309.873
-7.085	-6.888			0.282	6.469	15	-1139.59	2309.874
		-0.207	0.953		1.263	11	-1143.75	2309.877
2.001				0.464	-0.264	12	-1142.71	2309.88
			1.024		1.278	11	-1143.75	2309.883
1.959	-7.968	1.043	-2.061	0.326	-0.203	15	-1139.59	2309.888
	-9.108	-1.351	-1.592	-0.07	1.241	15	-1139.6	2309.892
		-0.438		0.375	1.22	12	-1142.72	2309.896
-12.444		5.804		0.964	10.378	13	-1141.68	2309.9
1.955	-2.549				-0.177	12	-1142.72	2309.902
	-1.913	-1.192	0.185		1.255	12	-1142.73	2309.905
-6.717	-4.933	3.366		0.886	6.195	15	-1139.6	2309.91
	-4.719				1.245	12	-1142.73	2309.913
		-0.027			1.264	11	-1143.77	2309.915
					1.264	11	-1143.77	2309.916
1.974			1.583	0.768	-0.229	11	-1143.77	2309.927
		-0.08	0.94		1.267	11	-1143.77	2309.927
1.949			0.716		-0.168	11	-1143.77	2309.929
-7.675	-8.025	-1.457			6.905	15	-1139.62	2309.931
1.968			1.739	0.864	-0.223	11	-1143.78	2309.935
-5.249					5.108	11	-1143.78	2309.938
	-6.091		-0.192		1.307	13	-1141.7	2309.939
			1.005		1.269	11	-1143.78	2309.939
1.971	-2.121				-0.208	11	-1143.78	2309.94
	-6.632	-3.26			1.214	13	-1141.71	2309.943
		-0.848		0.466	1.206	11	-1143.78	2309.945
			0.993		1.273	11	-1143.78	2309.945
	-1.891	-1.277			1.25	12	-1142.75	2309.948
1.991	-0.667	2.146	0.633	0.934	-0.249	14	-1140.67	2309.954
	-9.151	-1.921	-1.461	-0.089	1.243	15	-1139.63	2309.958
1.983	-2.496	0.648	-1.005		-0.223	13	-1141.71	2309.959
1.991	-1.409				-0.249	10	-1144.83	2309.972
1.962	-3.764				-0.214	11	-1143.8	2309.979
	-0.637	2.084		0.611	1.222	13	-1141.73	2309.984
1.969	-1.566	-0.362			-0.199	12	-1142.77	2309.986
-10.415	-3.221	4.69	-0.014	0.733	8.913	14	-1140.69	2309.987
-0.437	-7.915		-2.039	0.203	1.561	15	-1139.64	2309.987
1.969	-1.832		-0.149		-0.198	12	-1142.77	2309.99
1.963	-1.882	-0.221			-0.19	12	-1142.77	2309.992
1.945	-0.212	-2.523	1.004		-0.163	11	-1143.81	2309.995
-10.124	-3.111	4.513		0.715	8.697	14	-1140.69	2309.997
	-1.894	-1.247	0.701	0.398	1.241	12	-1142.77	2309.998
			-0.174		1.233	12	-1142.78	2310.004
1.985			2.379	1.053	-0.243	12	-1142.78	2310.008

1.983	-3.192	1.28		0.577	-0.236	13	-1141.74	2310.017
1.97	-1.351	-0.467	-0.012		-0.2	12	-1142.79	2310.029
1.961	-8.237		-1.9	0.216	-0.206	15	-1139.66	2310.029
					1.24	12	-1142.79	2310.032
		-9.52	3.654		1.255	15	-1139.67	2310.036
-14.086	-6.677			-0.237	11.627	14	-1140.71	2310.041
1.952		-1.655	1.146		-0.175	11	-1143.84	2310.054
		-2.885			1.255	14	-1140.72	2310.055
-7.387	-1.087	1.314			6.702	12	-1142.8	2310.06
1.981	-3.265	-2.533	0.939		-0.225	13	-1141.77	2310.06
-5.131	-0.773		0.375		5.04	12	-1142.81	2310.063
1.99	-0.814	1.722	0.953	0.948	-0.244	14	-1140.73	2310.065
2.006				0.674	-0.281	12	-1142.81	2310.071
-1.837	-3.196			0.399	2.58	13	-1141.77	2310.071
1.957	-3.381	-0.438			-0.182	12	-1142.81	2310.073
1.967	-3.605				-0.209	12	-1142.81	2310.075
1.95		-1.795	1.187		-0.172	11	-1143.85	2310.079
-3.554	-2.507	-0.557			3.918	14	-1140.73	2310.08
1.964		-2.159	0.874		-0.192	12	-1142.81	2310.083
1.951					-0.176	11	-1143.85	2310.089
	-0.903		-0.139		1.251	12	-1142.82	2310.09
1.947			0.438		-0.164	11	-1143.86	2310.094
1.949		-1.887	1.216		-0.171	11	-1143.86	2310.104
	-0.835	0.166			1.257	12	-1142.83	2310.104
-4.837	-2.348				4.867	14	-1140.75	2310.108
1.98			1.336	0.73	-0.237	11	-1143.86	2310.109
-12.757	-5.918		0.538		10.643	14	-1140.75	2310.114
-6.41	-9.663	-0.965	-0.766		5.978	15	-1139.71	2310.13
1.97	-2.137	-0.178	-0.131		-0.201	12	-1142.84	2310.132
-4.525	-4.058	0.29			4.619	13	-1141.8	2310.133
1.993	-2.569			0.467	-0.248	13	-1141.8	2310.14
	-1.544	-0.437	1.865	0.931	1.235	13	-1141.81	2310.14
1.949		-2.162	1.252		-0.17	11	-1143.88	2310.142
	-0.857				1.332	10	-1144.91	2310.143
1.976	-2.949	1.473	0.08	0.584	-0.225	13	-1141.81	2310.147
-3.914	-4.099				4.165	13	-1141.81	2310.149
		0.541			1.249	11	-1143.88	2310.152
1.937	-3.336		1.251		-0.163	11	-1143.89	2310.157
			1.397		1.248	9	-1145.95	2310.166
1.955	-8.846	0.199	-2.566		-0.194	15	-1139.73	2310.168
	-7.523	-6.8	1.597	-0.24	1.235	14	-1140.78	2310.17
1.994	-1.935		0.333	0.429	-0.252	12	-1142.86	2310.175
2.002	1.073		1.264	0.975	-0.261	14	-1140.78	2310.179
-2.043	-7.288	0.01	-1.855		2.785	15	-1139.74	2310.18
1.965		10.814		2.556	-0.211	14	-1140.78	2310.181
-2.125	-2.958		0.102	0.39	2.795	13	-1141.83	2310.189
1.946		-2.215	1.193		-0.166	11	-1143.91	2310.193
-13.602		5.783		0.799	11.249	14	-1140.79	2310.201

	-2.589	-1.479			1.297	14	-1140.8	2310.213
1.95					-0.171	11	-1143.92	2310.225
					1.244	11	-1143.93	2310.235
		-1.213			1.281	13	-1141.85	2310.239
-12.62		5.489		0.917	10.506	13	-1141.85	2310.24
1.891			1.669		-0.078	10	-1144.96	2310.241
1.975		2.925	1.416	1.058	-0.238	11	-1143.93	2310.25
		2.502		0.778	1.205	12	-1142.9	2310.253
1.96	-11.465	-9.605		-1.08	-0.207	14	-1140.82	2310.255
1.96		-0.308			-0.187	11	-1143.94	2310.263
-2.66				0.51	3.164	12	-1142.91	2310.266
2	-2.413			0.366	-0.262	12	-1142.91	2310.27
	-0.759	-0.637	0.137		1.254	12	-1142.91	2310.277
	-3.099	-1.953		0.218	1.231	12	-1142.92	2310.294
-5.35					5.188	12	-1142.92	2310.295
1.982	-3.942	-0.732			-0.232	12	-1142.92	2310.301
	-6.669	-5.502	1.602		1.233	14	-1140.85	2310.316
1.96			2.327	0.846	-0.212	11	-1143.97	2310.32
		-0.79		0.548	1.2	11	-1143.98	2310.338
-8.99		4.318	2.357	1.552	7.858	15	-1139.82	2310.342
	-4.545	-0.832			1.28	13	-1141.91	2310.347
1.987	-2.005	3.281		0.686	-0.251	12	-1142.95	2310.349
1.963	-3.707		0.269		-0.199	12	-1142.95	2310.352
2.001		1.54		0.723	-0.27	12	-1142.95	2310.363
	-5.257		-0.456		1.326	12	-1142.96	2310.364
		1.918		0.966	1.185	11	-1143.99	2310.365
-10.6	-6.231	-0.606			9.037	14	-1140.88	2310.371
				0.558	1.264	9	-1146.06	2310.375
1.947			0.842		-0.166	11	-1144	2310.383
					1.245	11	-1144	2310.388
1.957		-10.314	3.836		-0.19	15	-1139.85	2310.392
1.929	-2.684	-1.982			-0.127	14	-1140.89	2310.394
	-0.786		1.31		1.309	10	-1145.04	2310.395
	-4.131	12.869	-4.582	1.66	1.246	16	-1138.8	2310.397
1.98	-2.112	1.154	-1.275		-0.216	13	-1141.94	2310.401
1.964		20.597	-4.552	3.116	-0.208	15	-1139.85	2310.406
1.974		5.658		1.199	-0.226	12	-1142.98	2310.407
1.961	-8.914	-1.912	-1.359	-0.024	-0.206	15	-1139.85	2310.41
		2.063	1.992	1.27	1.231	14	-1140.9	2310.417
-11.661	-10.499	1.848	-2.999	-0.345	9.844	16	-1138.81	2310.421
2.01			0.98	0.622	-0.292	10	-1145.05	2310.426
	-4.542			0.261	1.22	11	-1144.02	2310.431
				0.617	1.189	11	-1144.03	2310.435
	-5.521	0.606		0.675	1.24	15	-1139.87	2310.44
1.993			1.982	1.003	-0.253	12	-1142.99	2310.44
1.942			-0.879		-0.156	13	-1141.96	2310.445
		-0.54			1.239	11	-1144.03	2310.445
1.965	-3.8				-0.22	10	-1145.07	2310.455

		2.445		0.819	1.2	12	-1143	2310.456
					1.229	10	-1145.07	2310.46
	-6.968	-3.997			1.208	12	-1143	2310.461
		0.047			1.241	11	-1144.04	2310.465
-11.97		5.913		0.956	10.026	13	-1141.97	2310.469
1.961	-2.257		1.742	0.552	-0.211	12	-1143.01	2310.474
1.986	-1.233		-0.976		-0.226	13	-1141.98	2310.482
1.964	-7.682	-7.454	1.572	-0.282	-0.212	14	-1140.94	2310.493
1.996	-1.281		0.997	0.694	-0.253	14	-1140.94	2310.493
	-2.712			0.43	1.196	10	-1145.09	2310.495
-10.878	-6.341				9.245	12	-1143.02	2310.503
1.944			0.997		-0.162	11	-1144.06	2310.503
					1.239	10	-1145.09	2310.504
-1.707	-3.318	-1.211			2.551	14	-1140.95	2310.509
1.996				0.974	-0.286	10	-1145.1	2310.518
-7.639	-4.241	2.073	-0.65		6.891	13	-1141.99	2310.519
			1.148	0.678	1.195	10	-1145.11	2310.53
1.938			0.999		-0.154	11	-1144.07	2310.531
1.991	-1.94	3.541	0.145	0.78	-0.259	12	-1143.04	2310.532
	0.588	2.144	2.176	1.333	1.23	14	-1140.96	2310.534
	-3.007	-1.717	0.29		1.256	12	-1143.04	2310.537
-13.124			0.491		10.94	15	-1139.92	2310.539
1.929					-0.136	13	-1142.01	2310.545
			0.494	0.898	1.192	14	-1140.97	2310.554
		-4.789	1.775		1.274	13	-1142.01	2310.557
1.883	0.168		1.621		-0.067	10	-1145.12	2310.568
1.937	-4.667	-1.328			-0.149	13	-1142.02	2310.574
1.973	-6.424	-3.672			-0.243	13	-1142.02	2310.576
-9.5	-11.147	-6.534		-0.986	8.248	15	-1139.94	2310.577
				0.484	1.204	12	-1143.07	2310.587
-3.043	-0.682			0.368	3.462	13	-1142.03	2310.589
					1.271	8	-1147.19	2310.59
1.943		-1.711			-0.154	13	-1142.03	2310.59
	-0.764	-0.499	0.353		1.257	12	-1143.07	2310.594
-8.86		-1.386	0.28		7.799	15	-1139.95	2310.603
1.949			-0.311		-0.17	13	-1142.04	2310.608
		1.237	-0.951		1.265	13	-1142.04	2310.612
	-4.957	-0.377			1.224	11	-1144.12	2310.615
1.961		-3.312			-0.194	14	-1141.01	2310.625
1.964		19.324	-5.491	2.477	-0.207	14	-1141.01	2310.637
		-1.131			1.223	10	-1145.16	2310.64
1.967	-0.919		-0.156		-0.197	12	-1143.1	2310.644
2.008	-1.894		-0.318		-0.279	10	-1145.16	2310.645
1.945		-5.388	1.828		-0.162	13	-1142.06	2310.65
1.966	-0.838	-0.273			-0.195	12	-1143.1	2310.652
		-0.795			1.235	10	-1145.17	2310.654
1.984	-1.568	-6.92	2.622		-0.236	15	-1139.98	2310.654
-10.474		-0.602			8.975	15	-1139.98	2310.663

		-0.941			1.24	11	-1144.14	2310.664
-9.58	-11.001		-2.746	-0.469	8.309	16	-1138.93	2310.664
	-4.072				1.266	11	-1144.14	2310.667
	0.475			0.365	1.244	12	-1143.11	2310.673
	-2.733			0.315	1.209	11	-1144.15	2310.676
1.963	-6.695	-6.134	1.713		-0.215	14	-1141.04	2310.696
		2.145		0.637	1.217	13	-1142.09	2310.706
2.01				0.647	-0.293	11	-1144.16	2310.71
-11.137	-4.753		1.678	0.366	9.45	14	-1141.05	2310.716
2.004	-2.007			0.403	-0.269	12	-1143.14	2310.727
1.991	-0.641	1.553		0.589	-0.245	13	-1142.1	2310.728
			0.989		1.256	9	-1146.24	2310.731
1.97	-2.151		-0.53		-0.206	14	-1141.06	2310.735
			0.989		1.28	12	-1143.14	2310.737
1.968					-0.204	11	-1144.18	2310.737
2	-1.678		0.192	0.425	-0.262	12	-1143.14	2310.74
-5.72			0.778		5.48	12	-1143.14	2310.742
	0.602	0.918	2.474	1.301	1.233	14	-1141.07	2310.749
	-4.122				1.255	10	-1145.22	2310.767
-7.065	-2.811	1.373			6.476	13	-1142.12	2310.776
1.959	-5.359	0.497		0.74	-0.2	15	-1140.04	2310.778
			1.042		1.255	9	-1146.26	2310.78
	-0.175		0.928		1.252	9	-1146.26	2310.782
1.985		-2.98	2.422	0.669	-0.237	15	-1140.04	2310.784
-4.542		-12.808	6.366		4.609	15	-1140.04	2310.785
1.938			0.017		-0.153	13	-1142.13	2310.787
-4.472					4.533	11	-1144.21	2310.796
1.977	-6.989	-4.465			-0.251	12	-1143.17	2310.802
1.985	-2.884	-1.481			-0.234	13	-1142.14	2310.808
			1.137		1.258	9	-1146.27	2310.808
1.95	-0.752	-4.019			-0.186	10	-1145.25	2310.816
1.977		-0.954			-0.221	11	-1144.22	2310.821
2.005		1.633		0.981	-0.295	11	-1144.22	2310.825
	-4.21		-0.606		1.237	11	-1144.22	2310.827
			2		1.273	10	-1145.25	2310.828
1.987	-0.077	-2.242	2.336	0.757	-0.241	15	-1140.06	2310.83
			0.637		1.278	12	-1143.19	2310.834
		0.142	1.122		1.256	9	-1146.29	2310.841
	-1.098	1.969	0.634	0.785	1.23	14	-1141.12	2310.852
	-5.106				1.242	11	-1144.24	2310.856
1.961		-1.466	0.6		-0.186	12	-1143.2	2310.857
1.927			1.2		-0.136	11	-1144.24	2310.865
2		1.948		0.75	-0.27	12	-1143.21	2310.881
		-0.222	0.299		1.257	12	-1143.22	2310.888
			0.244		1.257	12	-1143.22	2310.888
	-3.951	-0.252	1.076		1.245	12	-1143.22	2310.889
1.98		1.464	2.102	1.274	-0.23	14	-1141.14	2310.901
1.982	-0.1	1.558	1.904	1.217	-0.232	14	-1141.15	2310.907

2.004				0.51	-0.273	12	-1143.23	2310.908
	0.326		1.227	0.628	1.209	10	-1145.29	2310.908
			1.027		1.245	9	-1146.33	2310.917
-1.957				0.785	2.624	11	-1144.27	2310.926
	-4.154		1.16		1.269	12	-1143.24	2310.926
1.966					-0.203	11	-1144.27	2310.929
-9.181	-0.807	2.078			8.031	13	-1142.2	2310.932
1.976					-0.226	10	-1145.31	2310.941
		0.965	1.96	0.96	1.235	11	-1144.28	2310.946
1.988	0.106		1.459	0.871	-0.246	15	-1140.13	2310.952
		0.198			1.252	12	-1143.25	2310.956
-7.377	-3.033	1.564			6.71	13	-1142.22	2310.974
1.962			3.546	1.195	-0.213	12	-1143.26	2310.975
		2.045	1.738	1.045	1.232	12	-1143.26	2310.982
1.979		-3.492			-0.234	11	-1144.3	2310.988
-3.885	-3.153		-0.258		4.115	13	-1142.23	2310.991
1.965	-0.736	-0.917	0.371		-0.193	12	-1143.27	2310.997
1.991				0.794	-0.274	11	-1144.31	2311
-4.389	-2.337				4.492	13	-1142.24	2311.004
-5.573			-0.869		5.377	14	-1141.2	2311.005
	-0.167		0.576		1.281	12	-1143.28	2311.007
	-3.574	0.36			1.259	11	-1144.32	2311.029
-5.482					5.298	12	-1143.29	2311.029
	-3.37		1.624	0.581	1.241	13	-1142.25	2311.029
	-0.649		1.512	0.895	1.225	14	-1141.21	2311.032
1.981	0.688	1.555	2.335	1.353	-0.23	14	-1141.21	2311.033
1.957			1.123		-0.197	9	-1146.39	2311.042
1.96	-4.171	11.37	-4.177	1.584	-0.202	16	-1139.13	2311.047
-1.286			1.771	0.947	2.172	14	-1141.22	2311.049
1.99	0.43	0.794	1.304	0.986	-0.246	15	-1140.18	2311.052
			1.017	0.564	1.213	10	-1145.37	2311.06
1.957					-0.201	10	-1145.37	2311.063
1.936	-4.858				-0.174	12	-1143.31	2311.067
1.961	-1.847	1.649			-0.196	11	-1144.35	2311.075
					1.236	11	-1144.35	2311.077
		1.448	2.915	1.448	1.228	13	-1142.28	2311.083
1.983	-1.356	-0.321	-0.746		-0.224	14	-1141.24	2311.086
1.982	0.408		1.32	0.649	-0.246	10	-1145.38	2311.088
-3.497	-3.759		-0.492		3.824	13	-1142.28	2311.089
1.955	-2.768		0.357		-0.18	13	-1142.29	2311.11
-12.826		5.677		0.81	10.673	14	-1141.25	2311.112
1.921			1.374		-0.127	11	-1144.37	2311.122
1.999		-1.515		0.655	-0.278	12	-1143.34	2311.132
-11.587	-1.054	5.272	0.613	0.977	9.774	15	-1140.22	2311.136
			2.002	0.882	1.232	11	-1144.38	2311.138
		0.588	2.939	1.352	1.235	13	-1142.31	2311.15
-11.074		5.406	1.522	1.308	9.395	15	-1140.23	2311.152
		-0.873		0.558	1.194	11	-1144.38	2311.152

		6.279		1.381	1.237	13	-1142.31	2311.153
		0.619	2.975	1.364	1.231	13	-1142.31	2311.154
	-2.376	2.001		0.629	1.227	14	-1141.27	2311.156
	-2.566	1.785	0.964	0.903	1.232	14	-1141.28	2311.169
-2.036				0.513	2.697	12	-1143.36	2311.169
2.012	-2.371		-0.898		-0.287	11	-1144.4	2311.174
-11.381	0.086	5.5	1.437	1.281	9.621	15	-1140.24	2311.178
-8.274	-4.516				7.36	12	-1143.36	2311.181
1.994		1.965		0.807	-0.271	12	-1143.37	2311.185
-1.468	0.427		1.803	0.955	2.306	14	-1141.29	2311.188
1.986	-0.463		1.85	1.042	-0.238	14	-1141.29	2311.19
		0.069			1.24	11	-1144.41	2311.196
		-1.651			1.251	12	-1143.37	2311.197
-6.12			1.009		5.779	12	-1143.38	2311.208
		-0.534			1.224	9	-1146.48	2311.219
1.951		-0.385	1.087		-0.188	9	-1146.48	2311.22
1.97	-3.018	0.556	-0.327		-0.207	12	-1143.39	2311.228
	-3.474	0.406			1.247	10	-1145.46	2311.232
			1.039	0.481	1.228	10	-1145.46	2311.234
1.99	0.857	2.353	1.156	1.218	-0.246	15	-1140.27	2311.235
	-3.063		-0.483		1.248	13	-1142.35	2311.236
1.979	-2.853		-0.394		-0.222	12	-1143.39	2311.237
	-3.987	0.899	-0.817		1.251	13	-1142.35	2311.238
1.966		-0.064	-0.663		-0.195	13	-1142.35	2311.238
-5.722			0.975		5.484	12	-1143.4	2311.246
			1.006	0.461	1.23	10	-1145.47	2311.25
		0.025	1.035	0.45	1.237	10	-1145.47	2311.25
		0.931	-0.243		1.257	13	-1142.36	2311.251
		-0.933	0.773		1.26	12	-1143.4	2311.256
		0.972			1.27	13	-1142.36	2311.258
-5.963			1.054		5.661	12	-1143.4	2311.26
1.981	-2.735		0.837	0.432	-0.235	13	-1142.37	2311.275
1.943			1.144		-0.175	9	-1146.51	2311.277
	-1.488	-1.142		0.304	1.226	13	-1142.38	2311.29
1.941			1.133		-0.172	9	-1146.52	2311.297
-12.08	-1.829	5.352		0.789	10.135	15	-1140.3	2311.301
1.939			1.151		-0.168	9	-1146.52	2311.304
2.017	-1.265			0.311	-0.3	11	-1144.46	2311.306
	-3.818		0.919	0.339	1.231	13	-1142.39	2311.307
1.931			1.172		-0.154	9	-1146.53	2311.31
-3.332				0.386	3.67	13	-1142.39	2311.315
1.932	-0.016		1.172		-0.157	9	-1146.53	2311.316
1.982	-2.18	2.115	0.256	0.643	-0.236	13	-1142.4	2311.32
1.982			0.996	0.533	-0.246	10	-1145.5	2311.327
	-3.523	0.3	-0.427		1.255	13	-1142.4	2311.327
					1.266	12	-1143.44	2311.329
1.982	-2.088	2.475	0.158	0.679	-0.237	13	-1142.4	2311.338
1.963	-2.568	0.354			-0.194	12	-1143.44	2311.338

1.985		7.066		1.51	-0.24	13	-1142.41	2311.347
1.965		1.909	1.516	0.982	-0.216	12	-1143.45	2311.353
1.962	-0.733	-0.284			-0.184	13	-1142.41	2311.353
		-0.135			1.268	12	-1143.45	2311.359
1.984	-2.164	2.691		0.678	-0.239	13	-1142.42	2311.361
	-2.667		1.357	0.749	1.24	12	-1143.46	2311.364
1.968		0.855	2.974	1.431	-0.219	13	-1142.42	2311.367
-5.766		-0.195	1.195		5.52	12	-1143.46	2311.367
-8.85		4.255		1.114	7.708	12	-1143.46	2311.369
1.986	-2.241	2.302		0.629	-0.244	13	-1142.42	2311.37
-7.329		13.566		2.662	6.648	15	-1140.34	2311.371
1.936			0.773		-0.148	12	-1143.46	2311.376
					1.267	12	-1143.46	2311.378
			0.106		1.275	12	-1143.46	2311.38
				0.532	1.197	12	-1143.46	2311.381
			2.823	1.265	1.231	13	-1142.43	2311.384
			2.837	1.254	1.232	13	-1142.43	2311.388
1.937			0.624		-0.148	12	-1143.47	2311.393
					1.23	9	-1146.57	2311.396
1.965		-2.153			-0.199	12	-1143.47	2311.397
-2.849				0.583	3.293	12	-1143.47	2311.4
-0.545			2.934	1.302	1.629	13	-1142.44	2311.4
1.934	-4.041				-0.169	10	-1145.54	2311.404
		0.411	0.64		1.265	12	-1143.48	2311.408
1.987	-2.412	1.986		0.572	-0.245	13	-1142.44	2311.411
1.978	-3.534	-3.387	1.801	0.103	-0.232	13	-1142.44	2311.415
1.977	-3.425	2.17	-1.314		-0.224	12	-1143.48	2311.419
-8.111		-6.457	2.976		7.238	16	-1139.31	2311.423
-3.918				0.616	4.086	13	-1142.45	2311.424
1.979	-2.807	2.068	-0.615		-0.229	11	-1144.52	2311.424
1.935			0.954		-0.147	12	-1143.49	2311.425
		0.355	0.714		1.264	12	-1143.49	2311.433
1.977	-3.814	-3.643	1.684		-0.229	13	-1142.46	2311.443
	-3.087	0.3	1.514	0.561	1.229	13	-1142.46	2311.455
1.923	-4.006				-0.15	11	-1144.54	2311.455
			-0.479		1.276	14	-1141.42	2311.46
1.977			2.85	1.307	-0.231	13	-1142.47	2311.464
	-5.322	-3.105			1.238	11	-1144.54	2311.469
1.993		1.626		0.618	-0.252	13	-1142.47	2311.469
	-2.47	0.027			1.262	13	-1142.47	2311.47
1.979	-3.622	-3.714	1.684		-0.233	13	-1142.47	2311.471
-2.3	-0.983		0.702	0.579	2.923	14	-1141.43	2311.471
1.959			0.241		-0.184	12	-1143.51	2311.472
1.973			2.943	1.319	-0.226	13	-1142.47	2311.475
1.965		1.652	1.644	0.968	-0.217	12	-1143.51	2311.479
	-4.766	-0.454	0.232		1.235	13	-1142.48	2311.482
		1.479		0.776	1.2	13	-1142.48	2311.485
-12.182	-4.403	4.439	-1.606		10.23	14	-1141.44	2311.491

		2.501		0.698	1.213	13	-1142.48	2311.494
-8.133			1.175		7.275	13	-1142.48	2311.498
			1.536		1.283	10	-1145.59	2311.503
1.982	-1.08	1.445	0.646	0.76	-0.231	14	-1141.45	2311.507
1.958			1.987	0.902	-0.211	11	-1144.56	2311.507
1.986	-4.014	-1.439			-0.256	12	-1143.53	2311.509
			2.654	1.244	1.221	13	-1142.49	2311.514
1.973			0.992	0.506	-0.23	10	-1145.6	2311.516
			2.031	0.797	1.231	12	-1143.54	2311.526
			0.56		1.255	12	-1143.54	2311.526
	-2.297		0.205		1.226	10	-1145.6	2311.526
1.968		-0.24			-0.201	12	-1143.54	2311.533
1.977		2.288	2.3	1.347	-0.23	13	-1142.51	2311.54
1.97	-2.936	1.005	-0.512		-0.206	12	-1143.55	2311.554
1.962		1.6	1.737	1.025	-0.214	12	-1143.55	2311.557
		-0.888		0.409	1.211	12	-1143.55	2311.562
	-4.728	-0.475		0.025	1.228	13	-1142.52	2311.564
				0.768	1.22	10	-1145.62	2311.566
-2.621			1.764	0.811	3.162	12	-1143.56	2311.575
1.914			1.509		-0.115	11	-1144.6	2311.582
1.946	-3.511		0.671		-0.182	12	-1143.57	2311.586
-10.199		2.413			8.781	13	-1142.53	2311.586
1.962			1.159	0.519	-0.21	10	-1145.64	2311.591
1.972	-1.341	-0.873	0.168		-0.204	13	-1142.53	2311.591
		-1.102			1.232	11	-1144.6	2311.592
	-4.173			0.441	1.226	11	-1144.61	2311.593
-4.896	-0.859		-0.067		4.857	13	-1142.53	2311.594
			2.443	0.78	1.21	12	-1143.57	2311.595
1.995	-0.756	0.89		0.591	-0.252	15	-1140.45	2311.599
1.968			0.994	0.483	-0.22	10	-1145.64	2311.602
1.974		-0.346			-0.217	11	-1144.61	2311.605
1.96		-1.329	0.776		-0.186	12	-1143.58	2311.619
1.969		-1.268			-0.204	12	-1143.59	2311.624
-8.349	-6.643	-2.982	1.185		7.39	15	-1140.46	2311.624
1.976	-2.449	1.219	1.152	0.935	-0.225	14	-1141.51	2311.626
1.971					-0.214	11	-1144.62	2311.632
	-0.743			0.292	1.318	11	-1144.63	2311.636
-9.88		8.786		1.473	8.522	14	-1141.52	2311.646
			1.668	0.787	1.228	12	-1143.6	2311.648
		0.413			1.263	12	-1143.6	2311.661
1.992	-4.071	-2.007			-0.267	11	-1144.64	2311.663
1.984	-3.101	-0.863	-0.153		-0.229	14	-1141.53	2311.664
1.951	-5.4	-3.57			-0.203	11	-1144.64	2311.67
-1.03	-2.437		1.131	0.764	1.988	14	-1141.53	2311.681
-12.934		5.609		1.028	10.736	14	-1141.54	2311.687
			1.461		1.279	10	-1145.69	2311.689
		-0.333	0.703		1.262	12	-1143.62	2311.689
1.975		1.5	2.64	1.307	-0.229	13	-1142.58	2311.694

			1.676	0.817	1.228	12	-1143.62	2311.7
1.991	-1.127		1.481	0.791	-0.249	13	-1142.59	2311.701
1.949					-0.167	12	-1143.63	2311.706
		0.173	1.88	0.878	1.237	12	-1143.63	2311.706
1.969	-3.19		-0.521		-0.201	13	-1142.59	2311.711
-6.213					5.82	12	-1143.63	2311.716
-7.232	-4.28				6.579	11	-1144.67	2311.726
2.004				0.565	-0.281	12	-1143.64	2311.731
			0.65		1.264	12	-1143.64	2311.732
1.99	-3.389			0.234	-0.248	13	-1142.6	2311.734
1.952		-0.165	1.082	0.45	-0.193	10	-1145.71	2311.736
		-1.015	0.995		1.264	12	-1143.64	2311.737
1.954			-0.04		-0.176	12	-1143.64	2311.739
1.953		0.001			-0.175	12	-1143.64	2311.74
		-0.045	0.533		1.267	12	-1143.65	2311.745
			0.537		1.271	12	-1143.65	2311.745
1.986	-2.604		-0.537		-0.233	12	-1143.65	2311.746
-9.191		4	1.696	1.111	8.004	13	-1142.61	2311.751
-6.808		0.48			6.304	14	-1141.57	2311.757
		0.035	1.797	0.839	1.238	12	-1143.65	2311.758
		-1.129	1.08		1.264	12	-1143.66	2311.765
		-0.613	-0.782		1.271	14	-1141.58	2311.766
1.991	0.827	4.568	0.615	1.412	-0.248	15	-1140.53	2311.771
		-1.133	1.085		1.266	12	-1143.66	2311.774
		0.365	2.29	0.807	1.231	12	-1143.66	2311.774
-6.342	-7.73	-5.315	1.689	-0.183	5.916	15	-1140.54	2311.776
			2.335	0.779	1.231	12	-1143.66	2311.777
	-10.844	-8.799	0.233	-0.956	1.238	15	-1140.54	2311.781
					1.314	9	-1146.76	2311.784
1.947					-0.165	12	-1143.67	2311.791
		-0.311	0.828		1.262	12	-1143.67	2311.792
-4.833					4.802	12	-1143.67	2311.792
1.945	-4.611				-0.192	11	-1144.71	2311.793
1.963		5.811		1.368	-0.21	13	-1142.63	2311.795
-3.114					3.556	12	-1143.67	2311.799
	-1.275		1.479		1.307	11	-1144.71	2311.801
1.966	-3.411	-0.134	-0.387		-0.196	13	-1142.64	2311.801
1.986	-2.491	1.463		0.607	-0.238	14	-1141.6	2311.809
1.966	-3.929	0.303	-0.68		-0.198	13	-1142.64	2311.818
		2.132		0.823	1.192	12	-1143.68	2311.821
-5.996					5.654	11	-1144.72	2311.821
	-2.064	1.115	1.321	0.838	1.235	12	-1143.68	2311.823
1.97	-2.596	0.399	-0.588		-0.203	13	-1142.65	2311.824
-2.129	-2.422			0.406	2.792	14	-1141.61	2311.826
					1.289	9	-1146.79	2311.832
	-5.02	-2.335			1.25	12	-1143.69	2311.837
1.962					-0.215	9	-1146.79	2311.846
2.026	-1.129		0.171	0.403	-0.316	11	-1144.73	2311.848

1.96	-2.231	0.741			-0.189	12	-1143.7	2311.848
			0.825		1.266	12	-1143.7	2311.859
	-3.736	0.542		0.487	1.221	11	-1144.74	2311.86
	-4.726		0.32		1.256	13	-1142.67	2311.862
	-4.904			0.107	1.24	13	-1142.67	2311.875
	-8.997	-6.813		-0.533	1.22	13	-1142.67	2311.876
1.946	-2.565		1.37	0.774	-0.194	12	-1143.71	2311.883
-7.066		0.947			6.454	12	-1143.73	2311.905
	-1.311				1.244	9	-1146.82	2311.906
	-4.08			0.334	1.239	12	-1143.73	2311.907
1.948	-3.193		1.628	0.622	-0.193	13	-1142.69	2311.919
			-0.545		1.233	13	-1142.7	2311.921
1.967	-1.079				-0.22	9	-1146.83	2311.925
1.97			1.832	0.803	-0.224	12	-1143.74	2311.928
1.949	-0.268	-2.476	1.059		-0.169	12	-1143.74	2311.928
1.961	-2.58	-0.418			-0.186	13	-1142.7	2311.935
1.979			2.915	1.175	-0.234	13	-1142.71	2311.948
-7.14	-6.341	1.16		0.481	6.509	16	-1139.58	2311.949
1.971			1.669	0.817	-0.225	12	-1143.75	2311.954
1.929			1.419		-0.148	10	-1145.82	2311.965
1.953		-1.116	0.715		-0.176	12	-1143.76	2311.967
	-1.841	-1.173	0.167		1.255	13	-1142.72	2311.978
1.97			1.648	0.833	-0.225	12	-1143.76	2311.982
1.981	-3.939	-0.757			-0.233	13	-1142.73	2311.984
		-0.07			1.264	12	-1143.77	2311.985
	-1.479		0.599	0.562	1.188	11	-1144.8	2311.99
1.927	-4.016		1.14		-0.149	12	-1143.77	2311.999
-5.172					5.037	11	-1144.81	2312.003
-6.74	-7.019	-2.456			6.182	13	-1142.74	2312.012
-7.055	-0.875	1.012	0.292		6.463	13	-1142.74	2312.017
1.965	-3.709			0.035	-0.22	12	-1143.79	2312.04
			1.525		1.268	10	-1145.86	2312.041
-12.657		5.344		0.804	10.543	14	-1141.72	2312.05
1.971	-1.71	-0.265	-0.101		-0.202	13	-1142.76	2312.052
1.927			1.574		-0.145	10	-1145.87	2312.052
2.003		0.827		0.74	-0.277	13	-1142.77	2312.069
1.954		-1.439	1.014		-0.178	12	-1143.82	2312.085
	-0.735				1.232	9	-1146.91	2312.087
-10.242	-3.157	4.556	-0.049	0.709	8.783	15	-1140.69	2312.087
			1.331		1.258	10	-1145.89	2312.107
1.953		-1.555	1.096		-0.177	12	-1143.83	2312.112
	-3.716	0.457		0.371	1.234	12	-1143.83	2312.113
		0.162	1.49		1.264	10	-1145.9	2312.114
1.952		-1.605	1.123		-0.175	12	-1143.83	2312.122
1.956	-4.085			0.464	-0.216	11	-1144.87	2312.128
-13.989	-6.61		0.054	-0.219	11.556	15	-1140.71	2312.129
	-0.965	0.455	-0.254		1.252	13	-1142.8	2312.129
1.973	-8.645	-6.952		-0.505	-0.234	13	-1142.81	2312.141

1.95		-1.803	1.19		-0.172	12	-1143.85	2312.15
1.969	-3.647		-0.081		-0.217	13	-1142.81	2312.153
1.945			0.405		-0.162	12	-1143.85	2312.159
-3.582	-2.423	-0.561			3.94	15	-1140.73	2312.165
1.95		-1.914	1.232		-0.172	12	-1143.86	2312.17
-5.827			0.684		5.57	13	-1142.83	2312.183
1.98		3.254	1.539	1.146	-0.245	12	-1143.87	2312.193
		-1.39			1.234	12	-1143.87	2312.194
1.948		-2.278	1.252		-0.169	12	-1143.87	2312.202
	-0.709	-0.588			1.231	9	-1146.97	2312.207
-5.96			1.161		5.648	10	-1145.95	2312.212
-4.668	-4.018	0.327			4.725	14	-1141.8	2312.221
1.939	-5.129	-2.833			-0.183	12	-1143.88	2312.221
	-3.395		0.651		1.27	11	-1144.92	2312.225
1.959	-10.636	-9.34	0.59	-0.863	-0.206	15	-1140.77	2312.235
		-1.969	0.711		1.271	13	-1142.85	2312.239
		0.544			1.25	12	-1143.89	2312.241
1.949		-1.182	-0.693		-0.166	14	-1141.81	2312.241
1.993		1.996		0.682	-0.257	13	-1142.86	2312.247
1.955		-0.492			-0.178	12	-1143.9	2312.248
-5.513			0.291		5.317	13	-1142.87	2312.264
-12.722	-1.365	4.094	-1.032		10.63	14	-1141.83	2312.271
1.95			0.629		-0.172	12	-1143.91	2312.28
				0.482	1.269	10	-1145.99	2312.289
1.893	0.059		1.696		-0.081	11	-1144.95	2312.292
1.977	-3.524			0.178	-0.243	11	-1144.96	2312.312
1.979		7.679	-0.895	1.315	-0.233	13	-1142.9	2312.329
1.979	-1.614	1.031	-1.292		-0.214	14	-1141.86	2312.335
		-0.877		0.487	1.203	12	-1143.94	2312.339
		0.795	1.464	0.807	1.237	11	-1144.98	2312.346
1.93					-0.161	10	-1146.01	2312.346
1.998	-0.821		1.219	0.767	-0.26	13	-1142.91	2312.347
1.963			2.3	0.807	-0.215	12	-1143.95	2312.356
1.938			-0.613		-0.151	14	-1141.88	2312.363
1.988	-2.384	3.153	-0.34	0.579	-0.251	13	-1142.92	2312.364
-2.573				0.579	3.087	12	-1143.96	2312.379
1.961		-0.23	2.348	0.825	-0.213	12	-1143.96	2312.383
2.004		1.617		0.804	-0.285	12	-1143.96	2312.383
1.961	-0.882				-0.211	9	-1147.06	2312.384
		2.393		0.744	1.204	13	-1142.93	2312.391
				0.517	1.275	10	-1146.04	2312.397
			2.616	1.11	1.232	12	-1143.97	2312.397
	-0.601				1.299	8	-1148.1	2312.411
1.95		-2.461	0.712		-0.168	13	-1142.95	2312.421
	-4.804	-0.183		0.22	1.215	12	-1143.98	2312.423
1.962	-1.789		2.325	0.745	-0.212	13	-1142.95	2312.435
	0.765	0.486	1.785	0.777	1.236	11	-1145.03	2312.439
1.946			0.826		-0.167	12	-1143.99	2312.439

-10.608		4.862		0.919	9.014	13	-1142.96	2312.443
	-4.938			0.274	1.224	12	-1144	2312.453
2.006			0.951	0.606	-0.286	11	-1145.04	2312.459
	-0.477	2.011	1.717	1.176	1.231	15	-1140.89	2312.481
-5.461					5.257	12	-1144.02	2312.491
					1.271	7	-1149.17	2312.495
1.963	-0.737				-0.213	9	-1147.12	2312.503
1.98		-1.887			-0.228	12	-1144.03	2312.514
		-0.162			1.228	11	-1145.07	2312.519
-2.694				0.443	3.19	13	-1143	2312.53
			1.13	0.655	1.2	11	-1145.08	2312.533
		1.285	2.26	1.11	1.231	12	-1144.04	2312.538
-10.922	-13.139	-7.48	-0.755	-1.389	9.295	16	-1139.87	2312.545
	-4.615	-3.52	0.808		1.257	12	-1144.05	2312.55
-10.463	-6.23			0.065	8.936	13	-1143.01	2312.555
1.995		0.383		1.023	-0.284	11	-1145.09	2312.56
1.932			1.517		-0.154	10	-1146.12	2312.562
		0.059			1.24	11	-1145.09	2312.567
		-0.467	1.87		1.252	11	-1145.09	2312.572
			3.263	1.095	1.236	13	-1143.02	2312.573
-7.571	-3.935	1.972	-0.573		6.841	14	-1141.98	2312.58
1.944	-4.006			0.361	-0.195	12	-1144.07	2312.589
1.924			1.844		-0.142	10	-1146.14	2312.59
-7.097		1.447			6.478	12	-1144.07	2312.59
-8.447	-2.059	1.899			7.497	14	-1142	2312.605
1.969		2.047	1.189	0.807	-0.226	11	-1145.12	2312.622
	-3.528		-0.295	0.237	1.216	12	-1144.09	2312.631
-1.677		-4.081	1.651		2.509	14	-1142.01	2312.633
			1.406	0.706	1.232	11	-1145.13	2312.635
-10.1		2.216	-1.22		8.717	15	-1140.97	2312.638
					1.271	9	-1147.19	2312.642
	-4.394		-0.304		1.259	12	-1144.1	2312.65
1.956			2.905	1.24	-0.208	12	-1144.1	2312.652
	0.662		1.663	0.705	1.23	11	-1145.14	2312.66
1.959		-3.865			-0.215	9	-1147.2	2312.661
		1.232	-1.028		1.266	14	-1142.03	2312.682
1.958	0.783	1.161	1.778	0.877	-0.207	11	-1145.15	2312.687
1.968	-0.901	-0.133	-0.123		-0.198	13	-1143.09	2312.717
1.937	-4.691	-3.976	0.811		-0.173	12	-1144.14	2312.732
	-0.108		0.93		1.259	10	-1146.21	2312.742
					1.23	10	-1146.22	2312.752
			1.003		1.253	10	-1146.22	2312.757
				0.673	1.223	11	-1145.19	2312.759
1.973		-1.674	3.531	1.004	-0.227	13	-1143.12	2312.761
-6.416		3.175	2.683	1.442	5.965	14	-1142.07	2312.762
			1.34		1.263	10	-1146.22	2312.766
1.985	-1.33	-5.688	2.259	0.108	-0.24	16	-1139.99	2312.766
			1.002		1.258	10	-1146.23	2312.77

			1.87		1.26	11	-1145.19	2312.772
			1.001		1.256	10	-1146.24	2312.788
		0	0.989		1.256	10	-1146.24	2312.789
		2.551	1.412	0.987	1.231	13	-1143.13	2312.794
-5.633	-3.003		1.344	0.684	5.394	13	-1143.13	2312.796
-6.432		0.371	0.765		6.006	13	-1143.14	2312.801
1.967		0.11			-0.202	12	-1144.18	2312.805
			0.929		1.28	13	-1143.14	2312.808
			1.246		1.259	11	-1145.21	2312.811
		-0.47	1.131		1.255	10	-1146.25	2312.825
1.995				0.579	-0.266	11	-1145.22	2312.83
	-0.129		0.995		1.256	10	-1146.26	2312.831
	-0.083		0.987		1.254	10	-1146.26	2312.834
	-4.259	0.169	-0.486		1.248	12	-1144.19	2312.835
			1.055		1.256	10	-1146.26	2312.838
		-0.022	1.029		1.254	10	-1146.26	2312.838
	-0.155	0.031	0.958		1.254	10	-1146.26	2312.838
1.985		1.131		0.917	-0.265	12	-1144.19	2312.841
-6.059					5.694	10	-1146.26	2312.844
-7.012	-4.225			0.234	6.413	13	-1143.17	2312.863
			2.071		1.271	11	-1145.24	2312.863
		0.241	1.216		1.258	10	-1146.27	2312.867
		-0.779	1.328		1.258	11	-1145.24	2312.869
1.951	-0.765	-4.026			-0.187	11	-1145.25	2312.877
1.95	-0.74	-4.003		0.021	-0.187	11	-1145.25	2312.878
		1.723	0.982	0.627	1.234	11	-1145.25	2312.884
1.966	-0.93				-0.216	10	-1146.28	2312.886
1.923	-3.324		0.645		-0.146	11	-1145.25	2312.888
			2.01		1.272	11	-1145.25	2312.89
1.95			1.04		-0.187	10	-1146.29	2312.902
-3.908			2.051	0.849	4.115	12	-1144.23	2312.915
	0.58		1.392	0.636	1.215	11	-1145.27	2312.926
1.962			1.408	0.737	-0.215	11	-1145.28	2312.934
-9.801		2.551			8.481	13	-1143.2	2312.94
1.981		-0.581			-0.234	11	-1145.28	2312.943
-3.929	-2.817		-0.386		4.143	14	-1142.17	2312.943
-5.821	-4.285			0.363	5.52	12	-1144.25	2312.946
		2.096	1.636	0.982	1.232	13	-1143.21	2312.949
		0.932	3.063	1.119	1.229	13	-1143.21	2312.954
		-0.114	0.268		1.257	13	-1143.22	2312.962
1.98	-0.407	1.425	1.871	1.195	-0.23	15	-1141.14	2312.971
	-2.822	0.578	0.472		1.257	11	-1145.29	2312.971
	0.325		1.228	0.629	1.209	11	-1145.29	2312.972
1.945	-4.755			0.155	-0.193	13	-1143.22	2312.974
-6.678			2.504	0.698	6.154	13	-1143.23	2312.985
1.966	0.674		1.664	0.73	-0.22	11	-1145.3	2312.986
		1.891	2.588	1.371	1.231	14	-1142.2	2313.006
		1.15	1.934	0.97	1.234	12	-1144.28	2313.011

					1.229	9	-1147.38	2313.015
1.968	0.693		1.635	0.716	-0.223	11	-1145.32	2313.022
-4.811					4.807	13	-1143.25	2313.029
1.972	-3.281	1.213	-0.817		-0.212	13	-1143.25	2313.032
1.96			3.603	1.234	-0.211	13	-1143.25	2313.036
-3.843			1.035	0.42	4.064	11	-1145.33	2313.042
1.931	-4.604		0.322		-0.163	13	-1143.26	2313.05
	-1.267				1.253	10	-1146.37	2313.052
-7.899	-3.763		0.712		7.091	12	-1144.3	2313.053
1.973					-0.223	10	-1146.37	2313.065
1.982	-5.055	-3.142		-0.405	-0.241	13	-1143.27	2313.067
-1.155	-0.552		1.67	0.937	2.079	15	-1141.19	2313.072
	-1.212			0.417	1.217	10	-1146.38	2313.079
-4.431		-0.538			4.522	13	-1143.28	2313.082
		0.502			1.241	12	-1144.32	2313.093
1.954		0.14	1.149		-0.193	10	-1146.39	2313.094
		-0.531			1.221	8	-1148.44	2313.095
1.956					-0.193	10	-1146.39	2313.098
-10.865			1.869		9.286	14	-1142.24	2313.099
1.961		-0.368			-0.207	11	-1145.36	2313.102
			1.002	0.557	1.214	11	-1145.37	2313.114
1.988	0.382		1.325	0.665	-0.256	11	-1145.37	2313.118
		1.452	2.803	1.389	1.23	14	-1142.26	2313.123
					1.223	8	-1148.46	2313.124
-3.677					3.972	13	-1143.3	2313.125
-5.644			0.75		5.422	13	-1143.3	2313.129
1.977	0.529		1.431	0.674	-0.238	11	-1145.38	2313.135
1.994		1.91		0.735	-0.267	13	-1143.3	2313.138
1.982	-1.588	1.935	1.096	0.889	-0.237	14	-1142.27	2313.147
	-3.309		1.402	0.519	1.239	14	-1142.27	2313.15
1.965		1.672	1.051	0.71	-0.219	11	-1145.38	2313.15
2.018	-2.016		-0.629	0.143	-0.3	12	-1144.35	2313.156
-8.219	-4.856		-0.321		7.312	13	-1143.31	2313.156
1.953	-0.383		0.8		-0.192	10	-1146.42	2313.156
-5.932			0.865		5.635	13	-1143.32	2313.17
					1.221	9	-1147.46	2313.172
		-1.314			1.222	10	-1146.43	2313.175
1.984	-1.477	2.29	0.81	0.873	-0.241	14	-1142.28	2313.18
			1.015		1.26	11	-1145.4	2313.186
1.973	-3.292	1.607	-1.023		-0.213	13	-1143.33	2313.186
-11.147	-0.769	5.286	1.036	1.135	9.45	16	-1140.2	2313.187
		-1.351			1.257	13	-1143.33	2313.196
	-3.289	0.804	-0.714		1.252	14	-1142.29	2313.197
1.984	-2.149		1.252	0.589	-0.241	14	-1142.3	2313.212
1.948		-0.53	1.024		-0.183	10	-1146.45	2313.218
1.948		-0.784	1.096		-0.183	10	-1146.45	2313.223
1.95	-0.126	-0.565	0.975		-0.186	10	-1146.45	2313.223
-9.193			2.155		8.031	12	-1144.39	2313.224

	-0.556				1.235	10	-1146.45	2313.225
1.947		-0.829	1.122		-0.182	10	-1146.45	2313.226
		0.597	2.885	1.378	1.23	14	-1142.31	2313.227
-7.392	-4.684	-0.514			6.707	13	-1143.35	2313.232
				0.577	1.195	9	-1147.49	2313.244
1.942			1.053		-0.174	10	-1146.46	2313.246
	-4.942	-2.071		0.259	1.226	12	-1144.4	2313.251
-3.128				0.483	3.504	13	-1143.36	2313.251
-10.7		5.323	1.29	1.09	9.119	14	-1142.32	2313.252
-7.177		0.546	0.965		6.56	13	-1143.36	2313.254
		0.124	1.135	0.496	1.236	11	-1145.44	2313.257
	-3.244	-1.329	1.297	0.618	1.24	13	-1143.37	2313.26
1.962	-4.445			0.317	-0.225	12	-1144.41	2313.264
1.95		-0.478	1.082		-0.186	10	-1146.48	2313.275
1.937			1.316		-0.164	10	-1146.48	2313.275
1.937					-0.172	10	-1146.48	2313.279
-10.206		2.229			8.77	12	-1144.42	2313.285
1.942			1.005		-0.174	10	-1146.48	2313.287
			1.072	0.482	1.231	11	-1145.46	2313.294
1.939			1.059		-0.169	10	-1146.5	2313.311
1.944	-0.143		0.976		-0.176	10	-1146.5	2313.312
1.944	-0.18		0.967		-0.175	10	-1146.5	2313.312
		-0.648	1.193		1.261	11	-1145.47	2313.313
-5.5			0.909		5.321	13	-1143.39	2313.317
1.988	-1.224	4.314		1.003	-0.244	14	-1142.36	2313.323
1.973		1.25	2.723	1.387	-0.225	14	-1142.36	2313.323
1.944			1.047		-0.176	10	-1146.5	2313.324
-6.454		0.264	1.04		6.024	13	-1143.4	2313.329
1.986	-0.902			0.339	-0.257	10	-1146.51	2313.337
-5.918		0.211	0.885		5.629	13	-1143.41	2313.345
-6.385			1.578		5.972	11	-1145.48	2313.346
1.948			1.237		-0.175	11	-1145.48	2313.347
		-0.754			1.228	9	-1147.55	2313.354
1.954	-0.643	-2.115			-0.202	9	-1147.55	2313.359
1.931	-0.001		1.171		-0.154	10	-1146.53	2313.369
			1.755		1.283	11	-1145.49	2313.37
1.979				0.771	-0.252	10	-1146.53	2313.373
1.984		5.562	0.583	1.415	-0.241	14	-1142.38	2313.374
-3.888	-5.192	-2.196			4.109	12	-1144.46	2313.375
		0.328			1.269	13	-1143.43	2313.383
1.948					-0.185	9	-1147.56	2313.384
1.983	-2.373	0.82	0.576	0.513	-0.24	14	-1142.39	2313.384
	-3.898	-0.058	0.852	0.31	1.23	14	-1142.39	2313.388
-12.436	-3.562	4.389	-1.483		10.418	15	-1141.34	2313.389
1.961		-1.838			-0.19	13	-1143.43	2313.39
1.982			0.99	0.531	-0.246	11	-1145.5	2313.391
					1.227	9	-1147.57	2313.396
			0		1.266	13	-1143.44	2313.406

1.978	-3.101	-3.402	2.266	0.258	-0.232	14	-1142.4	2313.415
1.966		2.054	1.444	0.973	-0.218	13	-1143.45	2313.42
1.973		0.893	2.901	1.396	-0.227	14	-1142.4	2313.421
		-0.131	0.094		1.269	13	-1143.45	2313.43
1.963		1.262	0.978	0.603	-0.214	11	-1145.53	2313.435
	-2.708		1.316	0.735	1.24	13	-1143.46	2313.44
1.973		-1.685			-0.234	10	-1146.56	2313.446
1.936			0.752		-0.146	13	-1143.46	2313.45
1.927	-4.307		-0.283		-0.159	12	-1144.5	2313.452
-0.69			2.835	1.247	1.733	14	-1142.43	2313.462
			2.836	1.258	1.231	14	-1142.43	2313.465
-0.379			2.816	1.261	1.506	14	-1142.43	2313.468
1.963		-0.683	0.381		-0.191	13	-1143.47	2313.469
		0.403	0.556		1.266	13	-1143.47	2313.474
1.94		-2.706	2.222		-0.168	11	-1145.55	2313.476
1.958					-0.213	9	-1147.62	2313.493
-10.428		4.578	1.597	1.063	8.919	14	-1142.45	2313.504
1.956		0.693	1.949	0.956	-0.208	12	-1144.53	2313.506
1.943			1.826		-0.17	11	-1145.56	2313.506
-10.703		2.741			9.141	13	-1143.49	2313.507
1.989				0.598	-0.272	9	-1147.63	2313.511
1.959	-5.066	-2.664		0.229	-0.219	12	-1144.53	2313.512
1.977	-3.803	-3.922	1.849		-0.229	14	-1142.45	2313.518
1.962					-0.222	8	-1148.66	2313.528
1.959	-0.722				-0.205	10	-1146.61	2313.53
		-1.025			1.219	9	-1147.64	2313.53
1.971			2.722	1.319	-0.222	14	-1142.46	2313.539
1.965		1.642	1.651	0.971	-0.217	13	-1143.51	2313.555
					1.277	10	-1146.62	2313.56
-2.777			1.676	0.749	3.276	13	-1143.52	2313.567
1.973			1.028	0.517	-0.23	11	-1145.59	2313.571
-10.247		4.198	1.02	0.761	8.789	12	-1144.56	2313.58
1.948	-3.396	-1.92	1.277	0.584	-0.197	13	-1143.53	2313.581
		0.14	2.093	0.826	1.234	13	-1143.53	2313.581
-11.265		3.012	-0.321		9.561	14	-1142.49	2313.583
	-0.553	-0.705			1.234	10	-1146.64	2313.592
1.972					-0.231	9	-1147.67	2313.593
			1.975	0.789	1.229	13	-1143.53	2313.598
1.99	-4.563	-2.936		-0.217	-0.261	12	-1144.57	2313.6
		-0.604		0.504	1.2	9	-1147.67	2313.606
	1.361	1.366	2.897	1.273	1.233	12	-1144.58	2313.613
		-0.763			1.225	9	-1147.68	2313.619
1.947			0.978		-0.175	11	-1145.62	2313.624
			1.607		1.28	11	-1145.62	2313.629
		3.816		0.768	1.211	12	-1144.59	2313.632
					1.261	8	-1148.71	2313.632
1.968			1.077	0.509	-0.22	11	-1145.63	2313.634
1.957		0.152	1.202	0.537	-0.202	11	-1145.63	2313.644

-2.55			1.722	0.798	3.109	13	-1143.56	2313.646
-12.085		6.885		0.913	10.121	13	-1143.56	2313.655
	-0.578			0.297	1.214	10	-1146.67	2313.663
-5.305	-8.36	-4.776		-0.4	5.135	14	-1142.53	2313.673
				0.377	1.27	8	-1148.74	2313.678
1.941		-1.365	1.525		-0.167	11	-1145.65	2313.682
1.962		-3.603		0.398	-0.224	10	-1146.68	2313.688
1.96	-0.562				-0.208	10	-1146.69	2313.69
-4.988	-0.732				4.907	10	-1146.69	2313.699
1.97		0.061			-0.213	12	-1144.62	2313.702
	-4.709	-1.563		0.202	1.238	13	-1143.59	2313.703
1.961		-2.077			-0.221	8	-1148.76	2313.725
		-0.775	0.719		1.267	13	-1143.6	2313.728
-5.302		1.072			5.174	13	-1143.61	2313.751
		-0.645	0.802		1.263	13	-1143.61	2313.752
					1.304	10	-1146.72	2313.758
1.951			-0.165		-0.17	13	-1143.62	2313.767
				0.412	1.202	11	-1145.7	2313.774
1.95		-0.124			-0.169	13	-1143.62	2313.779
1.967					-0.222	9	-1147.76	2313.779
1.98	-0.701			0.348	-0.248	10	-1146.73	2313.781
-8.097		1.543			7.201	12	-1144.66	2313.783
1.968	-3.249	0.213	-0.581		-0.199	14	-1142.59	2313.785
1.942		-0.935	1.318		-0.168	11	-1145.7	2313.788
-6.534		0.197			6.058	13	-1143.63	2313.79
		-0.902	0.97		1.263	13	-1143.64	2313.808
1.954		0.168	-0.119		-0.175	13	-1143.64	2313.814
		0.216	2.313	0.798	1.232	13	-1143.66	2313.847
	-2.441	0.955	1.013	0.722	1.235	13	-1143.67	2313.866
	1.396		2.997	1.171	1.231	12	-1144.72	2313.889
	-4.968	-2.421	0.081		1.251	13	-1143.69	2313.908
		-0.966	1.551		1.263	11	-1145.77	2313.932
	-1.165				1.239	10	-1146.81	2313.935
	-1.187	-0.149			1.238	10	-1146.81	2313.935
1.929			1.561		-0.146	11	-1145.78	2313.944
1.998				0.437	-0.271	11	-1145.78	2313.949
1.947	-2.408		1.525	0.825	-0.195	13	-1143.71	2313.951
-5.878			3.352	1.009	5.569	14	-1142.68	2313.964
1.949	-2.943		1.909	0.711	-0.195	14	-1142.68	2313.977
1.966	-1.107	0.173			-0.217	10	-1146.83	2313.977
1.98				0.67	-0.26	9	-1147.87	2313.993
1.979	-0.566			0.323	-0.245	10	-1146.84	2313.994
1.934			1.217		-0.154	11	-1145.81	2313.995
1.969			1.822	0.818	-0.223	13	-1143.73	2313.999
				0.405	1.204	10	-1146.84	2314
	-0.581	-0.602		0.225	1.217	10	-1146.84	2314.001
-9.061		3.307	1.898	1.054	7.916	13	-1143.74	2314.01
1.952		-1.144	0.672		-0.173	13	-1143.75	2314.03

					1.226	10	-1146.87	2314.061
1.926			1.718		-0.143	11	-1145.84	2314.062
-6.471			1.452		6.031	11	-1145.85	2314.078
1.965	1.457		3.088	1.23	-0.219	12	-1144.82	2314.098
			1.505		1.268	11	-1145.86	2314.105
1.968	1.808		3.254	1.237	-0.223	12	-1144.84	2314.127
	-0.744	0.253			1.234	10	-1146.91	2314.134
1.947	-4.859	-2.159		0.177	-0.198	13	-1143.8	2314.136
1.955		-1.25	0.917		-0.179	13	-1143.81	2314.146
		0.089	1.407		1.264	11	-1145.88	2314.152
-5.984			1.303		5.666	12	-1144.86	2314.166
-7.597		0.923	1.176		6.859	11	-1145.89	2314.168
1.948		-3.831			-0.196	10	-1146.93	2314.172
-3.814		-1.025	0.708		4.084	14	-1142.78	2314.174
	0.717	1.934	1.691	0.91	1.233	12	-1144.86	2314.178
1.953		-1.465	1.053		-0.177	13	-1143.83	2314.183
-5.942			1.016		5.633	11	-1145.9	2314.188
					1.289	8	-1148.99	2314.194
					1.216	10	-1146.94	2314.203
		1.07	1.705	0.935	1.236	12	-1144.88	2314.222
1.97				0.694	-0.238	11	-1145.93	2314.248
-5.888			1.103		5.594	11	-1145.94	2314.262
-5.866	-0.074		1.08		5.578	11	-1145.94	2314.265
1.937	-5.006	-3.026	0.185		-0.178	13	-1143.87	2314.269
		1.713	1.378	0.867	1.235	12	-1144.91	2314.277
		-1.585			1.225	10	-1146.98	2314.283
-3.186			2.59	1.057	3.579	13	-1143.88	2314.297
1.94		-1.328	1.549		-0.168	11	-1145.96	2314.3
					1.285	8	-1149.05	2314.302
1.968	0.917	1.978	2.122	1.112	-0.225	12	-1144.93	2314.31
		-1.795	2.136		1.252	12	-1144.93	2314.317
					1.23	10	-1147.01	2314.337
1.947					-0.199	8	-1149.07	2314.342
1.955	-1.175				-0.201	10	-1147.01	2314.345
				0.491	1.264	11	-1145.98	2314.346
	0.346	0.742	1.658	0.834	1.236	12	-1144.95	2314.348
1.982				0.431	-0.257	10	-1147.02	2314.35
1.989		3.022		0.716	-0.255	12	-1144.95	2314.356
1.965		-2.931			-0.224	10	-1147.03	2314.376
	-0.735				1.311	9	-1148.06	2314.384
		1.525			1.243	11	-1146	2314.387
	-0.536			0.115	1.296	9	-1148.07	2314.392
	-1.184			0.357	1.226	11	-1146.01	2314.404
1.943					-0.191	9	-1148.08	2314.419
1.964		-0.215	2.32	0.789	-0.216	13	-1143.95	2314.426
1.963	-0.872	-0.118			-0.213	10	-1147.06	2314.44
1.956					-0.205	9	-1148.09	2314.441
1.955		-4.491			-0.207	10	-1147.07	2314.449

-5.849					5.538	10	-1147.07	2314.451
	-0.585				1.301	9	-1148.1	2314.457
		0.376	2.545	1.124	1.229	13	-1143.97	2314.46
		-1.139	3.515	1.047	1.235	14	-1142.94	2314.485
			1.735	0.841	1.233	12	-1145.02	2314.488
-7.742		4.242	2.181	1.361	6.941	15	-1141.9	2314.496
-3.374	-4.501	-2.742	0.806		3.747	13	-1143.99	2314.501
-3.51	0.648		1.676	0.662	3.818	12	-1145.03	2314.504
-9.791		2.347	2.202	0.827	8.447	14	-1142.95	2314.509
-3.216			1.411	0.66	3.604	12	-1145.03	2314.518
1.982	-0.807			0.263	-0.248	11	-1146.07	2314.522
1.962				0.798	-0.234	9	-1148.13	2314.526
1.967					-0.222	10	-1147.11	2314.536
1.966	0.417	1.918	1.518	0.899	-0.222	12	-1145.04	2314.536
					1.271	8	-1149.17	2314.541
		-0.624	1.738		1.254	12	-1145.05	2314.547
1.964	-0.732	-0.128			-0.215	10	-1147.12	2314.558
1.9					-0.12	7	-1150.2	2314.562
-3.323					3.678	11	-1146.11	2314.613
1.932			1.506		-0.155	11	-1146.12	2314.626
1.968				0.713	-0.242	9	-1148.19	2314.635
-8.476		2.246			7.519	14	-1143.01	2314.639
-5.925					5.589	9	-1148.19	2314.641
1.979					-0.241	10	-1147.16	2314.642
	0.341		1.583	0.733	1.231	12	-1145.09	2314.642
		-0.464	1.877		1.252	12	-1145.09	2314.643
					1.237	11	-1146.13	2314.645
1.924			1.854		-0.142	11	-1146.14	2314.655
				0.353	1.203	10	-1147.17	2314.666
					1.231	11	-1146.14	2314.669
		-0.747		0.339	1.211	10	-1147.18	2314.675
		-0.984	1.448		1.259	11	-1146.15	2314.683
1.969		2.044	1.184	0.805	-0.226	12	-1145.12	2314.692
1.941					-0.173	9	-1148.22	2314.692
-7.296		3.516	2.474	1.352	6.61	15	-1142	2314.698
				0.392	1.205	10	-1147.19	2314.702
1.961	0.661	1.556	1.659	0.895	-0.214	12	-1145.13	2314.713
1.959		-3.835			-0.215	10	-1147.2	2314.719
2.001				0.632	-0.273	12	-1145.14	2314.725
1.961	0.721	1.488	1.692	0.89	-0.213	12	-1145.14	2314.73
			1.608		1.26	12	-1145.14	2314.732
		-1.011			1.225	10	-1147.21	2314.735
1.961			1.773	0.886	-0.213	12	-1145.14	2314.738
1.953		-1.702			-0.201	11	-1146.18	2314.747
-5.246					5.086	10	-1147.22	2314.754
-12.782		5.392		0.665	10.633	12	-1145.15	2314.757
	-0.429		0.691		1.256	11	-1146.19	2314.76
1.961		-0.207	2.665	1.135	-0.215	13	-1144.12	2314.764

		2.128		0.777	1.198	10	-1147.22	2314.768
			1.199		1.261	11	-1146.19	2314.77
-5.114			1.132		5.029	12	-1145.16	2314.771
-5.144	-0.545				5.024	11	-1146.19	2314.771
1.957		1.26	1.392	0.856	-0.209	12	-1145.16	2314.772
	-0.192		0.754		1.252	11	-1146.2	2314.775
		-0.775	1.524		1.259	12	-1145.16	2314.777
	-0.164	-0.123	0.809		1.253	11	-1146.2	2314.782
1.963					-0.215	10	-1147.23	2314.782
1.971		-1.757	3.637	1.054	-0.224	14	-1143.09	2314.795
1.956	-1.037	0.789			-0.2	11	-1146.21	2314.801
		0.11	1.093		1.258	11	-1146.21	2314.802
					1.257	9	-1148.27	2314.803
-6.461	-3.683		0.498	0.382	6.004	14	-1143.1	2314.803
1.954		-2.177	2.138		-0.189	12	-1145.18	2314.813
			0.91		1.254	11	-1146.22	2314.818
		-0.107	0.933		1.254	11	-1146.22	2314.818
1.921					-0.139	8	-1149.31	2314.821
1.992				0.638	-0.262	12	-1145.19	2314.824
1.977	1.412		2.445	1.011	-0.237	12	-1145.19	2314.828
		-0.836			1.229	10	-1147.26	2314.833
			1.371		1.26	12	-1145.19	2314.834
			1.874		1.26	12	-1145.19	2314.843
		-0.23	1.02		1.255	11	-1146.23	2314.845
		-0.424			1.222	9	-1148.29	2314.845
1.974				0.517	-0.248	10	-1147.26	2314.846
					1.224	9	-1148.29	2314.849
1.97				0.663	-0.232	10	-1147.27	2314.857
1.96	-0.677		0.331		-0.204	11	-1146.24	2314.859
1.963		-1.879		0.408	-0.23	9	-1148.3	2314.862
	-0.097	-0.374	1.026		1.254	11	-1146.24	2314.871
		-0.231	1.26		1.258	12	-1145.21	2314.871
		-0.375	1.078		1.254	11	-1146.25	2314.878
-8.496	-3.898	0.976		0.303	7.499	14	-1143.13	2314.88
-6.204	-2.627	0.55	1.296	0.701	5.813	14	-1143.14	2314.884
1.945		-4.318	3.12		-0.172	12	-1145.22	2314.892
				0.594	1.208	12	-1145.22	2314.893
1.965		1.13			-0.206	11	-1146.26	2314.895
	-0.116		0.999		1.256	11	-1146.26	2314.895
1.978		-1.917		0.714	-0.255	11	-1146.26	2314.898
1.966					-0.21	11	-1146.26	2314.899
	-0.081	-0.003	0.987		1.254	11	-1146.26	2314.899
-5.576		-0.278			5.336	11	-1146.26	2314.901
1.948		-2.262			-0.199	9	-1148.32	2314.903
-9.242		2.1	0.302		8.076	14	-1143.15	2314.917
	0.932		1.677	0.708	1.21	12	-1145.23	2314.918
1.945		1.168			-0.172	11	-1146.27	2314.92
-9.568	0.624	3.985	1.616	0.97	8.287	13	-1144.2	2314.924

			2.07		1.272	12	-1145.24	2314.929
		0.902			1.236	10	-1147.31	2314.935
1.951	-0.752	-4.006		0.028	-0.189	12	-1145.24	2314.943
1.963	0.32		1.575	0.762	-0.216	12	-1145.25	2314.949
		1.745	0.964	0.623	1.234	12	-1145.25	2314.953
1.949		0.065	1.052		-0.185	11	-1146.29	2314.965
					1.229	10	-1147.32	2314.966
1.987				0.383	-0.262	10	-1147.33	2314.988
	-0.454			0.225	1.219	11	-1146.3	2314.988
1.985				0.417	-0.259	10	-1147.34	2314.99
1.935					-0.163	10	-1147.34	2314.991
		2.697		0.622	1.212	11	-1146.31	2315.006
1.971					-0.22	11	-1146.32	2315.014
	-1.011				1.243	11	-1146.32	2315.015
-5.388	-4.366	-0.324		0.347	5.196	13	-1144.24	2315.016
1.978	-1.063	1.515		0.502	-0.246	11	-1146.32	2315.025
1.942		-1.378	1.463		-0.174	11	-1146.33	2315.051
-4.896					4.834	10	-1147.37	2315.054
-8.741		1.522	0.63		7.707	14	-1143.23	2315.074
	-1.129	-0.167			1.246	11	-1146.35	2315.074
1.932					-0.176	8	-1149.44	2315.083
	-1.377	0.211		0.462	1.222	11	-1146.35	2315.09
-6.148			2.322	0.674	5.765	14	-1143.24	2315.099
-4.231		-0.322			4.378	14	-1143.25	2315.103
-3.784			1.075	0.433	4.021	12	-1145.33	2315.105
	-0.562	0.957			1.243	11	-1146.37	2315.113
-3.408				0.541	3.709	10	-1147.4	2315.124
1.975	-0.594			0.28	-0.238	11	-1146.37	2315.131
-4.635			0.404		4.681	14	-1143.26	2315.133
		-1.512			1.215	10	-1147.41	2315.136
	-1.262			0.424	1.218	11	-1146.38	2315.14
		-0.457			1.221	9	-1148.44	2315.147
1.956					-0.193	11	-1146.39	2315.162
		-0.726		0.324	1.21	10	-1147.43	2315.176
		0.491			1.225	10	-1147.44	2315.191
-10.458			2.48		8.962	13	-1144.33	2315.193
			1.132		1.262	12	-1145.37	2315.197
1.98				0.501	-0.254	10	-1147.45	2315.209
1.954	-0.354	-0.14	0.809		-0.194	11	-1146.42	2315.217
1.965		1.67	1.053	0.71	-0.219	12	-1145.38	2315.221
				0.284	1.262	9	-1148.48	2315.222
-9.435		3.958	1.337	0.939	8.192	13	-1144.35	2315.222
					1.221	10	-1147.45	2315.227
1.984		1.679		0.755	-0.265	10	-1147.46	2315.236
1.867	-0.598				-0.063	8	-1149.51	2315.237
-8.329	-4.846	0.064	-0.332		7.392	14	-1143.31	2315.238
1.948	-0.563	-2.191			-0.193	10	-1147.46	2315.239
		-0.675	1.339		1.262	12	-1145.39	2315.239

		-0.887		0.292	1.207	10	-1147.46	2315.241
1.947	-0.309		0.676		-0.182	11	-1146.43	2315.247
		0.248	0.977		1.261	12	-1145.4	2315.247
1.948	-0.101	-0.649	0.945		-0.182	11	-1146.43	2315.247
					1.28	9	-1148.49	2315.25
1.963					-0.222	9	-1148.5	2315.252
-13.175		6.932		0.842	10.93	14	-1143.32	2315.252
1.945				0.499	-0.186	9	-1148.5	2315.254
1.947	-0.204		0.741		-0.182	11	-1146.44	2315.265
1.984	-1.511	2.16	0.842	0.857	-0.241	15	-1142.28	2315.266
1.948		-0.386	1.014		-0.183	11	-1146.44	2315.271
1.947		-0.7	1.051		-0.182	11	-1146.44	2315.272
1.947		-0.692	1.06		-0.181	11	-1146.45	2315.277
1.948	-0.081	-0.75	1.034		-0.184	11	-1146.45	2315.277
1.949	-0.071	-0.707	1.028		-0.184	11	-1146.45	2315.281
				0.574	1.241	9	-1148.51	2315.282
		-0.679			1.229	10	-1147.48	2315.284
1.938			1.182		-0.167	11	-1146.45	2315.286
1.948		-0.776	1.093		-0.183	11	-1146.45	2315.287
-11.701		3.328			9.868	11	-1146.45	2315.288
				0.592	1.194	10	-1147.49	2315.298
-9.218			2.188		8.05	13	-1144.38	2315.298
-9.131		-0.041	2.159		7.985	13	-1144.39	2315.301
1.946			0.91		-0.179	11	-1146.47	2315.314
	-3.362	-1.341	1.187	0.581	1.24	14	-1143.36	2315.338
1.932					-0.174	8	-1149.57	2315.342
1.951		-0.631	1.273		-0.181	12	-1145.44	2315.343
1.928					-0.169	9	-1148.54	2315.349
	-0.549	1.707		0.473	1.216	11	-1146.49	2315.353
1.946			1.371		-0.173	12	-1145.46	2315.365
1.946			1.455		-0.173	12	-1145.46	2315.365
1.955	-0.588	-2.061		0.104	-0.206	10	-1147.52	2315.366
-8.221	-0.797	1.85			7.299	11	-1146.49	2315.367
					1.221	11	-1146.5	2315.376
1.944	-0.156		0.972		-0.176	11	-1146.5	2315.376
-8.599		3.017			7.585	12	-1145.46	2315.377
1.975	-0.447			0.254	-0.237	11	-1146.5	2315.377
-6.111		0.375	0.86		5.772	14	-1143.39	2315.385
-6.937		0.314	1.573		6.38	12	-1145.48	2315.404
1.944		-2	1.894		-0.17	12	-1145.48	2315.412
		0.502			1.23	10	-1147.55	2315.415
-6.378			1.555		5.967	12	-1145.48	2315.416
1.971	-1.275			0.455	-0.235	11	-1146.52	2315.423
		0.877	-0.421		1.27	14	-1143.41	2315.426
1.959					-0.213	10	-1147.56	2315.44
1.952					-0.198	10	-1147.56	2315.445
-11.312		4.631	0.778	0.712	9.573	13	-1144.46	2315.457
-3.93	-0.604			0.244	4.113	11	-1146.54	2315.465

1.9				0.493	-0.126	8	-1149.63	2315.471
1.951	-1.024				-0.193	11	-1146.55	2315.475
1.967		-0.816			-0.23	9	-1148.61	2315.486
1.963		1.229	1.004	0.608	-0.214	12	-1145.52	2315.503
-11.339	-0.552	3.336			9.61	12	-1145.53	2315.506
1.955		0.49			-0.206	10	-1147.6	2315.511
1.936					-0.165	9	-1148.63	2315.515
	-0.487	-0.707		0.149	1.225	11	-1146.57	2315.527
1.94		-3.16	2.453		-0.169	12	-1145.54	2315.53
1.963				0.575	-0.233	10	-1147.61	2315.533
-1.215			2.903	1.23	2.122	15	-1142.42	2315.542
1.953	-0.754	0.486			-0.196	11	-1146.58	2315.545
-4.973	-1.16				4.902	11	-1146.59	2315.559
1.989				0.618	-0.273	10	-1147.62	2315.561
-5.38					5.189	11	-1146.59	2315.571
1.974	-0.749	1.407		0.506	-0.24	11	-1146.6	2315.574
1.943			1.835		-0.17	12	-1145.56	2315.576
		-0.985			1.22	10	-1147.63	2315.584
1.955		-3.63		0.327	-0.212	11	-1146.61	2315.595
		3.788		0.738	1.213	13	-1144.54	2315.611
1.946			1.108		-0.172	12	-1145.58	2315.622
				0.359	1.196	11	-1146.62	2315.628
					1.252	9	-1148.69	2315.633
1.945		-1.254	1.521		-0.17	12	-1145.59	2315.636
1.971		0.094			-0.23	10	-1147.67	2315.65
1.972					-0.231	10	-1147.67	2315.651
		-0.596		0.497	1.201	10	-1147.67	2315.663
1.948	-3.346	-1.916	1.323	0.599	-0.198	14	-1143.53	2315.663
				0.328	1.279	9	-1148.7	2315.664
	1.511	1.348	2.998	1.287	1.233	13	-1144.58	2315.681
					1.26	9	-1148.71	2315.684
	1.329	1.523	2.837	1.27	1.233	13	-1144.58	2315.686
1.948		-0.178	1.005		-0.176	12	-1145.62	2315.69
1.972		2.247		0.612	-0.242	11	-1146.66	2315.694
1.956	-0.566	0.54			-0.2	11	-1146.66	2315.7
1.965		-3.247		0.468	-0.23	11	-1146.66	2315.712
				0.511	1.227	10	-1147.7	2315.716
				0.383	1.269	9	-1148.73	2315.73
1.959		-2.397			-0.218	9	-1148.74	2315.736
				0.274	1.21	11	-1146.68	2315.742
-9.473		4.3		0.888	8.182	11	-1146.69	2315.764
1.962		-1.88			-0.223	9	-1148.75	2315.767
-4.129				0.353	4.25	11	-1146.69	2315.769
1.96		-2.171			-0.22	9	-1148.76	2315.77
-5.14					5.002	11	-1146.7	2315.786
				0.394	1.204	12	-1145.67	2315.799
-1.456				0.387	2.28	12	-1145.69	2315.828
1.966		0.113			-0.22	10	-1147.76	2315.836

		1.239			1.237	11	-1146.73	2315.844
1.95		0.242	-0.281		-0.169	14	-1143.62	2315.845
				0.318	1.21	11	-1146.73	2315.845
1.975	-0.544	1.244		0.451	-0.24	11	-1146.74	2315.859
1.975					-0.232	11	-1146.74	2315.862
1.95				0.699	-0.215	10	-1147.78	2315.876
-2.271	1.339		2.914	1.112	2.906	13	-1144.68	2315.88
1.969	-0.983	1.92		0.454	-0.23	12	-1145.72	2315.893
-5.211					5.068	11	-1146.76	2315.899
-12.434		3.879			10.411	12	-1145.72	2315.9
-9.362		1.921	0.856		8.16	12	-1145.73	2315.906
1.95		-2.995			-0.199	11	-1146.77	2315.918
		-1.32	1.736		1.264	12	-1145.75	2315.949
1.996				0.389	-0.276	11	-1146.79	2315.957
	1.517		3.071	1.181	1.23	13	-1144.71	2315.959
-8.697		1.537	1.225		7.67	13	-1144.72	2315.961
1.934			1.34		-0.153	12	-1145.76	2315.972
-7.702		2.628	2.115	1.086	6.918	14	-1143.68	2315.977
		-1.501		0.262	1.211	11	-1146.8	2315.979
1.996				0.423	-0.269	12	-1145.77	2315.994
1.978		0.676		0.756	-0.258	10	-1147.84	2315.996
	-1.17	-0.066			1.238	11	-1146.81	2315.998
-7.67		1.177	3.126	1.027	6.89	15	-1142.65	2316
					1.222	11	-1146.82	2316.02
1.97		-1.214		0.673	-0.242	12	-1145.79	2316.03
1.981				0.696	-0.261	10	-1147.86	2316.033
				0.433	1.202	11	-1146.83	2316.044
1.962	1.42	0.983	2.998	1.297	-0.214	13	-1144.76	2316.059
1.964	1.677	1.066	3.128	1.314	-0.217	13	-1144.77	2316.061
					1.28	9	-1148.9	2316.063
		-2.94	2.774		1.253	13	-1144.78	2316.081
1.906	-0.671				-0.114	9	-1148.91	2316.085
-6.427			1.307		5.996	12	-1145.82	2316.085
		-1.422			1.234	11	-1146.87	2316.118
1.981				0.306	-0.251	11	-1146.87	2316.126
-7.19		0.455	1.412		6.562	12	-1145.84	2316.128
1.925					-0.161	9	-1148.94	2316.134
		1.21			1.24	11	-1146.88	2316.142
-8.034		1.263	1.036		7.179	12	-1145.85	2316.162
		0.73			1.221	11	-1146.89	2316.173
		1.738			1.254	12	-1145.86	2316.173
1.95					-0.202	9	-1148.96	2316.175
		2.153		0.592	1.209	11	-1146.9	2316.189
-7.746	-0.155	1.111	1.009		6.968	12	-1145.87	2316.193
		1.687			1.247	12	-1145.87	2316.197
1.948		-4.088			-0.195	11	-1146.91	2316.197
		-1.453			1.227	11	-1146.91	2316.198
-6.015			1.426		5.691	13	-1144.83	2316.198

1.98				0.345	-0.25	11	-1146.91	2316.199
1.895					-0.111	8	-1150	2316.199
					1.292	9	-1148.97	2316.203
-12.909	-0.331	5.296		0.55	10.744	13	-1144.84	2316.203
		-3.28	2.926		1.247	13	-1144.84	2316.208
-9.91	-0.579	4.088		0.59	8.523	12	-1145.88	2316.209
	0.505	1.867	1.638	0.921	1.234	13	-1144.84	2316.216
1.966	1.25		2.714	1.095	-0.218	13	-1144.84	2316.217
-5.761	-0.137		0.84		5.497	12	-1145.88	2316.22
-5.862			0.949		5.572	12	-1145.89	2316.24
-9.162		2.331			7.982	11	-1146.93	2316.24
		1.977		0.549	1.206	11	-1146.93	2316.24
1.94		-1.852	1.82		-0.167	12	-1145.9	2316.255
		1.523	1.603	0.94	1.235	13	-1144.87	2316.266
1.946					-0.194	10	-1148	2316.314
1.917					-0.13	9	-1149.04	2316.331
-5.889	-0.001		1.102		5.594	12	-1145.94	2316.332
	-0.378	2.234		0.438	1.224	12	-1145.94	2316.333
					1.265	10	-1148.01	2316.341
1.985		3.322		0.725	-0.25	13	-1144.91	2316.349
1.967	1.143	1.829	2.355	1.17	-0.223	13	-1144.92	2316.369
1.958	-1.212	-0.487			-0.206	11	-1146.99	2316.37
1.95		-0.706			-0.202	10	-1148.03	2316.386
1.983				0.463	-0.26	11	-1147	2316.386
	-0.663			0.1	1.307	10	-1148.04	2316.389
-5.734					5.449	10	-1148.04	2316.394
1.972		-0.775		0.66	-0.248	10	-1148.05	2316.423
-5.755					5.468	11	-1147.02	2316.426
	-0.794				1.31	10	-1148.06	2316.432
-2.756			1.698	0.784	3.266	13	-1144.95	2316.434
				0.713	1.245	11	-1147.03	2316.439
1.955		-3.558	2.9		-0.189	13	-1144.95	2316.439
-11.746		3.669			9.906	12	-1146	2316.443
	-0.535			0.114	1.296	10	-1148.07	2316.45
	-1.287	0.133		0.386	1.23	12	-1146	2316.451
-8.188		2.011	0.885		7.299	13	-1144.96	2316.458
	-1.105			0.345	1.224	12	-1146.01	2316.464
-4.027				0.292	4.174	11	-1147.04	2316.467
					1.272	10	-1148.08	2316.469
1.959		-0.434			-0.211	10	-1148.08	2316.47
1.961		0.817			-0.21	11	-1147.05	2316.48
1.975				0.425	-0.245	11	-1147.05	2316.481
-3.7					3.956	12	-1146.01	2316.483
-9.622		3.87	-1.058		8.364	15	-1142.9	2316.495
1.962				0.592	-0.219	11	-1147.06	2316.498
-13.553		5.644		0.579	11.212	13	-1144.99	2316.508
1.953		-2.068		0.291	-0.211	10	-1148.1	2316.511
-3.318	0.378		1.607	0.688	3.678	13	-1144.99	2316.519

1.97					-0.228	11	-1147.07	2316.529
1.997				0.789	-0.27	13	-1145	2316.534
1.967				0.774	-0.241	10	-1148.11	2316.545
		-0.798		0.254	1.216	11	-1147.09	2316.56
-3.521				0.35	3.802	11	-1147.09	2316.566
		-0.904		0.226	1.215	11	-1147.09	2316.567
-5.146	-1.001				5.033	12	-1146.06	2316.57
		-0.638	1.799		1.255	13	-1145.03	2316.583
-2.768					3.274	12	-1146.07	2316.584
1.968		1.532		0.687	-0.239	11	-1147.1	2316.587
		-1.34			1.221	11	-1147.1	2316.588
1.972		-0.687		0.61	-0.247	10	-1148.15	2316.616
-7.281		0.86			6.592	10	-1148.15	2316.624
-8.446		2.167			7.461	11	-1147.12	2316.628
1.955		1.363			-0.188	12	-1146.09	2316.636
1.929					-0.152	10	-1148.16	2316.643
					1.236	12	-1146.11	2316.666
-11.051		3.989			9.401	13	-1145.07	2316.666
-12.733		5.35		0.614	10.603	13	-1145.07	2316.667
1.966	-0.63	1.852		0.475	-0.225	12	-1146.11	2316.674
1.977		0.331			-0.237	11	-1147.15	2316.687
1.958		0.989	1.693	0.952	-0.209	13	-1145.08	2316.69
					1.259	10	-1148.19	2316.69
1.979		1.694		0.573	-0.251	11	-1147.16	2316.696
-4.422	-0.474			0.161	4.481	12	-1146.12	2316.701
1.956		-3.621	2.906		-0.195	13	-1145.09	2316.716
-12.801		5.512		0.732	10.643	13	-1145.1	2316.72
				0.358	1.204	11	-1147.17	2316.726
1.956		0.794			-0.204	11	-1147.18	2316.737
		-0.744		0.336	1.211	11	-1147.18	2316.739
1.959	0.446	1.4	1.622	0.904	-0.211	13	-1145.11	2316.743
		-0.906	1.409		1.259	12	-1146.15	2316.752
1.982		1.526		0.535	-0.255	11	-1147.19	2316.76
				0.709	1.206	13	-1145.12	2316.764
				0.485	1.23	10	-1148.22	2316.767
1.96		1.275			-0.2	12	-1146.16	2316.78
1.949		-1.576			-0.202	10	-1148.24	2316.788
-5.446					5.231	11	-1147.2	2316.789
			1.66		1.261	13	-1145.13	2316.792
		-1.053			1.224	11	-1147.21	2316.795
1.966	-1.125			0.379	-0.226	12	-1146.18	2316.805
		2.188		0.818	1.196	11	-1147.21	2316.806
-5.061			1.229		4.991	13	-1145.14	2316.806
-7.751	-3.426	0.87	0.695	0.522	6.957	15	-1143.05	2316.806
1.945		-6.129	4.054		-0.176	13	-1145.14	2316.815
	-0.407		0.644		1.253	12	-1146.18	2316.823
	-0.405	-0.059	0.671		1.253	12	-1146.19	2316.826
	-0.208	0.125	0.723		1.253	12	-1146.2	2316.844

		-0.66	1.495		1.258	13	-1145.16	2316.851
1.955	-0.889	0.649	0.168		-0.197	12	-1146.2	2316.852
1.948		-1.915			-0.2	10	-1148.27	2316.853
		2.538		0.507	1.217	12	-1146.21	2316.867
		0.967			1.237	11	-1147.24	2316.87
					1.261	10	-1148.28	2316.886
		-0.04	0.916		1.254	12	-1146.22	2316.888
-5.266					5.1	12	-1146.22	2316.895
1.878	-0.435			0.311	-0.086	9	-1149.32	2316.897
		-0.241			1.223	10	-1148.29	2316.899
1.975				0.536	-0.249	11	-1147.26	2316.899
2.19				0.642	-0.408	13	-1145.19	2316.9
		2.628		0.543	1.217	12	-1146.22	2316.903
				0.527	1.25	10	-1148.3	2316.921
		-1.345		0.256	1.204	11	-1147.27	2316.925
	-1.179	1.501		0.568	1.22	12	-1146.24	2316.928
	-0.129	-0.388	1.017		1.254	12	-1146.24	2316.94
		2.329		0.589	1.199	12	-1146.25	2316.946
1.966					-0.21	12	-1146.25	2316.949
1.977		1.447		0.644	-0.247	11	-1147.28	2316.952
-9.208	0.728	3.85	1.804	1.032	8.019	14	-1144.17	2316.958
-12.866		4.083			10.726	13	-1145.22	2316.961
		2.825		0.691	1.208	12	-1146.26	2316.977
-10.208	0.787	4.343	1.735	1.024	8.759	14	-1144.18	2316.979
				0.292	1.202	12	-1146.26	2316.981
1.944		1.174			-0.172	12	-1146.27	2316.988
1.968	-0.388	1.762		0.422	-0.227	12	-1146.28	2317.005
	-0.94	0.672			1.248	12	-1146.28	2317.007
-10.118		4.561		0.696	8.669	12	-1146.28	2317.011
-9.842		2.714			8.48	12	-1146.28	2317.014
-9.881		4.079		0.605	8.492	12	-1146.28	2317.015
1.986				0.393	-0.26	11	-1147.33	2317.036
-3.282	-1.172			0.363	3.636	12	-1146.29	2317.038
1.935	-0.41			0.435	-0.167	10	-1148.37	2317.058
		1.343			1.233	12	-1146.32	2317.095
1.934					-0.179	9	-1149.42	2317.102
				0.384	1.243	10	-1148.4	2317.111
				0.198	1.275	10	-1148.4	2317.112
1.942		-1.496	1.521		-0.174	12	-1146.33	2317.117
1.942				0.443	-0.178	10	-1148.4	2317.119
-9.448		-1.726	3.091		8.213	14	-1144.26	2317.129
		-1.065		0.501	1.22	12	-1146.35	2317.161
-14.231		6.047		0.627	11.703	14	-1144.28	2317.18
-11.782		3.422			9.929	12	-1146.37	2317.196
-3.295				0.538	3.627	11	-1147.41	2317.2
1.934					-0.177	10	-1148.45	2317.228
		-0.701		0.332	1.21	11	-1147.43	2317.239
1.951		-1.222	1.593		-0.181	13	-1145.36	2317.24

		0.479			1.224	11	-1147.44	2317.254
1.967		-0.61			-0.228	10	-1148.47	2317.256
-10.539			2.451		9.021	14	-1144.33	2317.269
1.985		1.744		0.798	-0.267	11	-1147.44	2317.271
		-0.073	1.149		1.262	13	-1145.37	2317.273
-9.978		4.169	1.194	0.895	8.591	14	-1144.33	2317.279
1.868	-0.579				-0.065	9	-1149.51	2317.284
1.95	-0.536	-2.153		0.061	-0.196	11	-1147.45	2317.285
1.949	-0.226	-0.342	0.775		-0.185	12	-1146.42	2317.301
1.945	-0.445		0.619		-0.18	12	-1146.43	2317.307
1.949	-0.15	-0.436	0.846		-0.184	12	-1146.43	2317.311
-8.123		3.05			7.243	13	-1145.4	2317.326
1.948		-0.586	1.002		-0.183	12	-1146.44	2317.339
1.948	-0.183	-0.796	1.006		-0.183	12	-1146.44	2317.341
1.968	-1.221	1.021		0.553	-0.231	12	-1146.45	2317.363
1.99				0.325	-0.265	12	-1146.46	2317.364
				0.467	1.235	11	-1147.5	2317.375
-8.803		-0.291	2.266		7.744	14	-1144.38	2317.376
-7.757	-1.029	1.585			6.959	12	-1146.46	2317.38
-10.748		4.626		0.655	9.118	13	-1145.44	2317.402
1.945			1.527		-0.172	13	-1145.44	2317.408
-5.921					5.581	12	-1146.49	2317.424
1.9				0.43	-0.125	9	-1149.59	2317.445
-3.82				0.301	4.014	12	-1146.5	2317.448
-4.501				0.202	4.53	12	-1146.5	2317.453
1.955		0.553			-0.206	11	-1147.54	2317.453
-7.529		0.672	1.441		6.816	13	-1145.47	2317.46
1.95		0.222			-0.195	11	-1147.56	2317.501
1.95	-1.003	0.21			-0.191	12	-1146.54	2317.538
1.991		1.873		0.575	-0.269	12	-1146.54	2317.542
1.958		-3.001		0.432	-0.22	12	-1146.54	2317.543
1.972		2.086		0.498	-0.238	12	-1146.56	2317.571
-13.521		4.034			11.203	13	-1145.52	2317.573
-11.162	-0.629	3.241			9.48	13	-1145.52	2317.575
-11.123	-0.511	3.195	0.084		9.452	13	-1145.52	2317.578
1.963				0.598	-0.233	11	-1147.6	2317.582
1.971		2.172		0.53	-0.236	12	-1146.57	2317.591
1.963		0.038		0.58	-0.233	11	-1147.61	2317.598
-4.121				0.264	4.25	12	-1146.58	2317.617
1.948		-0.668	1.265		-0.175	13	-1145.56	2317.649
1.974		2.376		0.681	-0.247	12	-1146.61	2317.669
				0.359	1.276	10	-1148.69	2317.701
1.971		0.091			-0.23	11	-1147.67	2317.714
-10.77		2.861	0.488		9.193	13	-1145.59	2317.718
1.958		-2.56			-0.216	10	-1148.71	2317.742
1.962		-1.698			-0.223	10	-1148.72	2317.757
1.961		-0.761		0.565	-0.229	11	-1147.69	2317.766
				0.253	1.208	12	-1146.66	2317.772

1.967		0.918			-0.218	12	-1146.66	2317.772
		-5.592	4.196		1.247	14	-1144.59	2317.791
	1.174	1.402	2.499	1.137	1.226	14	-1144.6	2317.808
-9.437		4.333		0.92	8.154	12	-1146.68	2317.817
-1.781				0.368	2.518	13	-1145.64	2317.819
		1.203			1.232	12	-1146.68	2317.819
-4.066				0.373	4.202	12	-1146.69	2317.83
		2.752		0.546	1.209	13	-1145.67	2317.867
1.966		2.144		0.634	-0.23	12	-1146.74	2317.943
		-1.4		0.243	1.214	12	-1146.75	2317.946
-2.293	1.474		2.996	1.122	2.922	14	-1144.67	2317.956
1.907	-0.544				-0.115	10	-1148.82	2317.957
	-0.945	2.021		0.521	1.228	13	-1145.72	2317.962
-9.171		1.763	0.926		8.02	13	-1145.72	2317.978
1.979		0.653		0.776	-0.259	11	-1147.83	2318.045
-9.094	-1.022	3.753		0.647	7.924	13	-1145.76	2318.047
-9.322		1.961	0.898		8.127	14	-1144.72	2318.06
				0.399	1.237	11	-1147.84	2318.064
1.959		-6.283	4.358		-0.198	14	-1144.76	2318.132
1.963	1.558	0.998	3.083	1.31	-0.215	14	-1144.76	2318.134
		-1.38			1.234	12	-1146.85	2318.149
		1.788			1.253	13	-1145.81	2318.153
1.982				0.293	-0.252	12	-1146.86	2318.18
-11.814	-0.569	4.76		0.555	9.934	14	-1144.79	2318.2
-8.107	0.079	1.284	1.073		7.233	13	-1145.85	2318.235
		2.128		0.583	1.208	12	-1146.9	2318.258
8.945				1.078	-5.401	14	-1144.83	2318.268
-3.873	-1.081			0.282	4.081	13	-1145.87	2318.272
-9.329		2.321			8.104	12	-1146.91	2318.283
-5.708	-0.276		0.768		5.458	13	-1145.88	2318.287
-7.598		1.173			6.828	11	-1147.97	2318.319
1.95		-0.485			-0.202	11	-1147.98	2318.339
					1.27	11	-1147.99	2318.356
	-0.745			0.116	1.306	11	-1148.02	2318.428
				0.794	1.244	12	-1146.99	2318.429
		-1.215		0.211	1.212	12	-1147	2318.454
-14.112		5.589		0.53	11.621	14	-1144.92	2318.459
-9.216		2.629	0.65		8.056	14	-1144.93	2318.479
1.971		-0.882		0.652	-0.246	11	-1148.05	2318.483
1.964		0.787			-0.216	12	-1147.02	2318.487
				0.31	1.246	11	-1148.06	2318.503
-4.108				0.286	4.233	12	-1147.04	2318.536
-3.443					3.769	13	-1146.01	2318.548
1.961	-1.009	1.529		0.512	-0.218	13	-1146.01	2318.556
		-0.838		0.242	1.215	12	-1147.09	2318.629
1.981		2.295		0.537	-0.252	13	-1146.05	2318.631
1.968		1.52		0.698	-0.24	12	-1147.1	2318.652
1.954		1.4			-0.187	13	-1146.07	2318.67

-4.25				0.224	4.338	13	-1146.1	2318.725
-11.324		4.015			9.6	14	-1145.06	2318.74
1.979		1.692		0.573	-0.251	12	-1147.16	2318.766
1.949		-1.485			-0.202	11	-1148.23	2318.843
	-0.423	0.13	0.612		1.253	13	-1146.18	2318.897
		2.513		0.5	1.216	13	-1146.21	2318.941
1.877	-0.441			0.314	-0.085	10	-1149.32	2318.954
-9.288	0.913	3.906	1.92	1.048	8.078	15	-1144.16	2319.016
1.935	-0.331			0.41	-0.166	11	-1148.33	2319.035
-10.311		4.476		0.654	8.81	13	-1146.26	2319.053
-8.512		-2.769	3.574		7.523	15	-1144.23	2319.158
		-1.074		0.576	1.22	13	-1146.31	2319.159
1.947	-0.39	-0.43	0.723		-0.183	13	-1146.41	2319.359
-5.156				0.153	5.01	13	-1146.43	2319.396
1.972		2.086		0.498	-0.238	13	-1146.56	2319.647
1.963		-0.045		0.593	-0.233	12	-1147.6	2319.652
-11.08	-0.594	3.184	0.045		9.42	14	-1145.52	2319.657
	-4.104	2.133		0.9	1.744	11	-1176.52	2375.425
	-4.074			0.697	1.741	11	-1177.02	2376.414
	-3.385	3.16		1.107	1.739	12	-1176.17	2376.786
	-6.061	0.939	-2.488		1.752	12	-1176.22	2376.884
	-4.881	2.079	-0.523	0.833	1.736	12	-1176.34	2377.123
	-7.024				1.782	10	-1178.49	2377.308
	-5.951		-2.317		1.743	12	-1176.47	2377.388
	-4.318	2.248		0.965	1.742	12	-1176.49	2377.439
	-3.91	2.175		0.921	1.745	12	-1176.52	2377.484
	-4.092	2.284		0.912	1.743	12	-1176.52	2377.491
	-5.561		-2.71		1.663	11	-1177.62	2377.614
	-8.492	-2.811			1.748	11	-1177.69	2377.758
	-3.459			0.809	1.738	12	-1176.76	2377.979
	-5.353			0.608	1.739	12	-1176.78	2378.019
	-6.773				1.76	10	-1178.87	2378.064
	-6.843		-2.535		1.71	12	-1176.9	2378.248
	-7.674			0.334	1.741	11	-1177.94	2378.264
	-4.684		-0.406	0.658	1.737	12	-1176.91	2378.276
	-4.172				1.712	9	-1180.08	2378.411
	-6.088				1.772	11	-1178.02	2378.415
	-5.997	0.794			1.774	10	-1179.08	2378.47
	-4.053			0.691	1.741	12	-1177.02	2378.483
	-3.46				1.815	10	-1179.11	2378.542
	-5.609	1.377	-1.765	0.346	1.74	13	-1176.04	2378.616
	-7.209				1.794	9	-1180.19	2378.643
	-6.881		-1.09		1.697	11	-1178.14	2378.663
	-3.907				1.708	10	-1179.22	2378.748
	-3.326	2.602		1.083	1.741	13	-1176.12	2378.762
	-2.843	3.34		1.178	1.742	13	-1176.12	2378.776
		4.453		1.559	1.751	12	-1177.17	2378.785
	-3.858	2.994	-0.227	1.055	1.738	13	-1176.14	2378.81

-6.431	0.881	-2.35		1.745	13	-1176.15	2378.832
-5.851	-3.394			1.726	13	-1176.15	2378.836
-3.177	3.085		1.06	1.735	13	-1176.17	2378.863
-5.958				1.798	11	-1178.24	2378.873
-5.592	1.139	-2.469		1.747	13	-1176.18	2378.885
-6.086	1.373	-2.595		1.75	13	-1176.18	2378.895
	6.721		1.624	1.753	12	-1177.25	2378.949
-6.545		-2.343		1.661	12	-1177.25	2378.953
-6.727		-2.033		1.738	13	-1176.21	2378.956
-6.946	0.955		0.413	1.734	11	-1178.3	2378.983
-6.228		-3.247	-0.284	1.7	12	-1177.31	2379.071
-4.581	2.208	-0.575	0.897	1.741	13	-1176.3	2379.138
-5.011	2.564	-0.58	0.89	1.737	13	-1176.31	2379.151
-4.213				1.781	10	-1179.44	2379.196
-7.468	-2.423			1.743	12	-1177.4	2379.246
-5.243	0.646			1.765	11	-1178.45	2379.277
-4.886			0.728	1.736	13	-1176.38	2379.283
		1.169		1.768	7	-1182.56	2379.285
-4.614				1.768	12	-1177.43	2379.314
-6.974				1.783	11	-1178.49	2379.358
-7.164		-0.051		1.781	11	-1178.49	2379.369
-5.693		-1.945	0.156	1.736	13	-1176.42	2379.372
-5.507		-2.278		1.748	13	-1176.43	2379.38
-6.697		-1.329		1.773	11	-1178.5	2379.383
-3.124	1.206			1.81	10	-1179.54	2379.391
	4.448	1.193	1.477	1.744	12	-1177.5	2379.444
-8.514	-3.299			1.748	12	-1177.5	2379.46
-6.861			0.254	1.718	11	-1178.55	2379.473
-3.989	2.357		1.022	1.743	13	-1176.47	2379.478
-4.469			0.459	1.72	11	-1178.55	2379.484
-3.325	3.109		1.047	1.745	13	-1176.49	2379.501
-4.319	2.501		0.991	1.741	13	-1176.49	2379.504
	9.309		2.301	1.744	13	-1176.49	2379.506
-7.374	-2.457			1.752	12	-1177.61	2379.678
-5.845				1.747	11	-1178.65	2379.687
-5.021				1.818	9	-1180.71	2379.688
-8.23	-2.14		0.142	1.735	12	-1177.63	2379.705
-7.268	-0.719			1.758	10	-1179.71	2379.738
-4.259			0.279	1.671	10	-1179.73	2379.788
-7.986	-2.759	0.104		1.743	12	-1177.69	2379.824
-8.207		-0.446		1.755	11	-1178.72	2379.828
-2.927			0.754	1.742	13	-1176.66	2379.851
-4.684		-0.797		1.803	11	-1178.74	2379.862
		1.358	1.156	1.747	12	-1177.72	2379.891
-3.165				1.812	11	-1178.77	2379.927
-6.073		-0.588		1.708	10	-1179.83	2379.969
-5.77		-0.318	0.587	1.736	13	-1176.72	2379.976
-7.187		-0.637		1.747	12	-1177.77	2379.99

-6.97				1.768	10	-1179.84	2379.999
-5.35				1.79	12	-1177.78	2380.003
	8.953	-1.061	1.858	1.748	13	-1176.74	2380.009
-6.268				1.764	11	-1178.82	2380.015
-7.4		-2.322		1.703	13	-1176.74	2380.019
-6.704			0.23	1.745	12	-1177.79	2380.027
-3.481		-0.011	0.807	1.738	13	-1176.76	2380.055
-7.482		-2.962	-0.362	1.709	13	-1176.77	2380.064
-5.256			0.576	1.741	13	-1176.77	2380.075
-6.713	0.215			1.767	11	-1178.85	2380.084
-7.374			0.358	1.733	12	-1177.85	2380.148
-1.993				1.724	9	-1180.95	2380.156
	6.18		1.663	1.749	13	-1176.82	2380.166
-6.635		-1.163	0.374	1.719	12	-1177.86	2380.167
-6.776		0.354	0.386	1.744	12	-1177.87	2380.188
-5.089				1.707	10	-1179.95	2380.22
-6.927		-2.775	-0.116	1.72	13	-1176.86	2380.245
-5.183	1.01			1.788	11	-1178.96	2380.294
		1.198	0.326	1.759	8	-1182.05	2380.311
	4.443	0.553	1.547	1.75	13	-1176.91	2380.354
	2.324		1.223	1.764	11	-1178.99	2380.372
-7.456		-1.398	-0.235	1.729	12	-1177.96	2380.38
-6.643				1.799	10	-1180.03	2380.381
-6.949	0.345	-0.834		1.732	12	-1177.97	2380.39
-6.748				1.788	10	-1180.05	2380.41
-4.669	1.943	-1.556	0.451	1.735	14	-1175.9	2380.416
-6.633	0.743	-0.223		1.768	11	-1179.04	2380.465
-3.53	-0.704			1.807	11	-1179.05	2380.488
-6.485		0.282		1.793	10	-1180.09	2380.497
-4.615	1.248	-0.929		1.801	11	-1179.06	2380.512
-2.82	1.095			1.81	11	-1179.07	2380.517
-3.734				1.811	11	-1179.08	2380.536
-7.397		-0.934		1.718	12	-1178.05	2380.548
-5.752		-1.76		1.748	14	-1175.97	2380.548
-7.311			0.12	1.782	10	-1180.13	2380.569
		2.841	1.083	1.755	12	-1178.07	2380.584
-5.232	-3.199			1.743	14	-1175.99	2380.586
-4.027			0.159	1.688	11	-1179.1	2380.592
-4.659				1.711	11	-1179.11	2380.597
-5.748	-4.369		-0.214	1.743	14	-1176	2380.612
-5.643	1.883	-1.868	0.357	1.738	14	-1176	2380.622
-6.705		-0.546		1.792	12	-1178.09	2380.623
	2.719	1.271	1.422	1.75	13	-1177.05	2380.637
-3.888			0.56	1.74	14	-1176.02	2380.657
-3.009	5.511	-0.986	1.319	1.74	14	-1176.03	2380.671
-5.985	0.787		0.286	1.737	12	-1178.11	2380.682
-5.649	1.361	-1.773	0.337	1.74	14	-1176.04	2380.698
-5.285	-3.945	0.412		1.737	14	-1176.07	2380.747

-5.251			0.345	1.782	10	-1180.23	2380.783
-3.304	3.17	-0.263	1.126	1.741	14	-1176.09	2380.785
	4.33		1.471	1.752	13	-1177.13	2380.795
-3.044	2.457		1.035	1.743	14	-1176.09	2380.797
-6.026	1.124	-2.36		1.746	14	-1176.1	2380.811
-4.009				1.79	13	-1177.14	2380.816
-3.114	2.847		1.12	1.742	14	-1176.11	2380.838
-3.437	2.548	-0.073	1.043	1.735	14	-1176.12	2380.845
-2.736	3.277		1.151	1.737	14	-1176.13	2380.866
-8.063		-1.151		1.762	12	-1178.22	2380.889
-5.881				1.8	12	-1178.23	2380.916
-6.256	0.998	-2.366		1.742	14	-1176.15	2380.921
-3.919	0.609			1.804	11	-1179.27	2380.924
-6.168	1.04	0.3	0.465	1.736	12	-1178.25	2380.952
-5.698	1.299	-2.516		1.746	14	-1176.17	2380.955
-6.477	-4.29	0.857		1.765	13	-1177.22	2380.963
-3.78		1.46	0.704	1.742	13	-1177.22	2380.966
-5.005			0.187	1.745	13	-1177.22	2380.968
-5.914			0.372	1.718	12	-1178.26	2380.982
	3.906		1.037	1.747	12	-1178.27	2380.998
-1.899				1.731	10	-1180.35	2381.024
-0.221		1.044		1.785	8	-1182.41	2381.027
-6.631		-1.931	0.047	1.736	14	-1176.21	2381.031
-7.05	0.818		0.391	1.734	12	-1178.29	2381.036
		2.101	1.222	1.749	13	-1177.28	2381.097
-6.685	-2.158			1.757	13	-1177.29	2381.1
-4.955				1.787	10	-1180.4	2381.109
-4.671	0.853			1.78	12	-1178.34	2381.125
-3.83		0.653	0.845	1.74	14	-1176.26	2381.128
-2.109			0.387	1.683	10	-1180.42	2381.154
-3.936				1.776	11	-1179.39	2381.171
-5.458		-0.389		1.758	13	-1177.32	2381.173
-7.97	-2.135	-0.364		1.732	13	-1177.33	2381.181
-2.031	5.913		1.64	1.739	14	-1176.29	2381.191
	0.129	1.235		1.787	8	-1182.51	2381.228
-4.753		-1.623	0.266	1.739	14	-1176.32	2381.249
		1.138		1.778	8	-1182.53	2381.258
		1.21		1.78	8	-1182.53	2381.276
	4.739	1.725	1.709	1.736	13	-1177.38	2381.286
		1.151		1.767	8	-1182.55	2381.303
-5.026	-0.508			1.789	10	-1180.49	2381.307
		1.166		1.77	8	-1182.55	2381.309
		1.174		1.769	8	-1182.55	2381.316
		1.173		1.767	8	-1182.56	2381.32
-7.473	-2.379		0.012	1.742	13	-1177.4	2381.322
-5.14	0.701			1.765	12	-1178.45	2381.344
			0.712	1.751	12	-1178.45	2381.352
-8.267	-2.54		0.159	1.728	13	-1177.42	2381.363

-6.194		-1.175		1.785	12	-1178.46	2381.371
-6.413	0.292	-1.259		1.785	12	-1178.46	2381.38
-7.642	-3.034			1.759	13	-1177.43	2381.382
-6.333			0.207	1.724	12	-1178.47	2381.399
-6.949		0.008		1.784	12	-1178.49	2381.428
-7.881		-0.258	0.232	1.727	12	-1178.49	2381.442
-4.714			0.491	1.72	12	-1178.53	2381.513
	4.492		1.348	1.734	11	-1179.58	2381.546
-3.358		-0.833		1.719	10	-1180.62	2381.557
	9.708		2.372	1.743	14	-1176.48	2381.579
	9.181	-0.269	2.183	1.739	14	-1176.49	2381.587
-5.665		-0.326		1.82	10	-1180.64	2381.597
-5.716		-0.401	0.235	1.68	11	-1179.62	2381.629
-7.742	-2.108	0.269	0.191	1.74	13	-1177.58	2381.689
-7.752	-2.402	-0.161		1.76	13	-1177.59	2381.718
-7.564	-1.343			1.754	11	-1179.67	2381.721
-5.683				1.751	12	-1178.63	2381.721
-5.119				1.818	10	-1180.7	2381.728
-4.176	-3.21	1.81	0.541	1.736	14	-1176.56	2381.733
-7.837	-0.872	-0.198		1.751	11	-1179.68	2381.747
-7.046	-0.673		0.067	1.743	11	-1179.69	2381.766
-7.049	-0.657			1.762	11	-1179.7	2381.776
-6.696	-0.617			1.75	11	-1179.7	2381.778
-4.788			0.244	1.676	11	-1179.71	2381.796
	-2.782	3.316	0.995	1.751	13	-1177.64	2381.814
-7.526		-2.722	-0.244	1.716	14	-1176.62	2381.845
-6.141	1.078	-0.724		1.785	12	-1178.7	2381.848
-7.085			0.137	1.753	11	-1179.75	2381.889
-4.661	-0.391	-0.761		1.799	12	-1178.72	2381.896
-8.044	-0.049	-0.449		1.746	12	-1178.73	2381.907
-5.866	0.445			1.781	12	-1178.73	2381.923
-2.607				1.808	12	-1178.74	2381.924
-7.276		-1.183		1.75	11	-1179.77	2381.933
		1.546	1.23	1.746	13	-1177.71	2381.943
-3.224	-0.387			1.808	12	-1178.75	2381.959
-6.693				1.767	11	-1179.8	2381.973
-6.651				1.774	11	-1179.8	2381.977
-6.523			0.243	1.776	11	-1179.81	2381.997
-7.561		-0.238		1.76	11	-1179.81	2382.002
-7.548		-1.068	0.331	1.718	13	-1177.74	2382.015
-6.132		-0.541		1.708	11	-1179.82	2382.029
-7.069		-0.434	0.087	1.744	13	-1177.76	2382.049
	9.206	-1.155	1.875	1.748	14	-1176.74	2382.091
	2.238	0.51	1.184	1.756	12	-1178.82	2382.103
	4.95	1.219	1.893	1.747	14	-1176.75	2382.117
-6.201		0.464	0.224	1.769	11	-1179.9	2382.189
		1.255	0.402	1.743	9	-1182	2382.255
	2.529		1.333	1.762	12	-1178.93	2382.311

-6.488				1.794	11	-1179.97	2382.317
		1.206	0.352	1.756	9	-1182.03	2382.323
		1.194	0.343	1.758	9	-1182.04	2382.338
	0.05	1.223	0.318	1.767	9	-1182.04	2382.348
0.06		1.235	0.358	1.754	9	-1182.05	2382.35
		1.2	0.325	1.759	9	-1182.05	2382.361
		1.202	0.329	1.76	9	-1182.05	2382.363
		1.195	0.328	1.758	9	-1182.05	2382.363
		3.681	1.411	1.751	13	-1177.92	2382.372
-5.186			0.315	1.757	11	-1180	2382.378
	2.371		0.962	1.752	13	-1177.95	2382.422
-6.851			0.073	1.781	11	-1180.02	2382.429
-7.244	0.164	-1.15	-0.141	1.733	13	-1177.95	2382.433
-6.5		0.139		1.789	11	-1180.03	2382.438
-6.568		0.055		1.798	11	-1180.03	2382.442
-7.504		-1.332	-0.213	1.731	13	-1177.96	2382.45
-6.7	0.461	-0.834		1.732	13	-1177.96	2382.45
-1.834			0.275	1.686	11	-1180.04	2382.461
	3.148	1.905	1.732	1.747	14	-1176.93	2382.471
-5.07		-1.134	0.25	1.741	15	-1175.89	2382.488
-4.572	1.949	-1.426	0.516	1.741	15	-1175.89	2382.488
-4.558	1.999	-1.515	0.482	1.738	15	-1175.9	2382.498
-3.741	-0.625			1.806	12	-1179.03	2382.514
-5.486	-1.247	-1.13		1.738	15	-1175.92	2382.537
-4.298	3.719	-1.77	0.733	1.74	15	-1175.92	2382.543
-3.095	0.939			1.808	12	-1179.05	2382.555
				1.811	11	-1180.09	2382.558
-4.531			0.112	1.696	12	-1179.06	2382.576
-5.692			0.412	1.779	11	-1180.11	2382.604
-7.122		-0.733		1.786	13	-1178.06	2382.641
-5.075	-2.806		0.073	1.743	15	-1175.99	2382.673
-6.087	-4.405	-0.379	-0.351	1.737	15	-1175.99	2382.687
-6.451	-0.849	-0.778		1.765	11	-1180.16	2382.697
-5.548	1.029		0.301	1.736	13	-1178.08	2382.699
-5.227	-0.302		0.302	1.769	11	-1180.16	2382.705
-6.001	-6.677	2.188		1.754	14	-1177.05	2382.714
-2.856	6.448	-1.315	1.373	1.737	15	-1176.03	2382.762
	3.487	1.816	1.883	1.755	13	-1178.12	2382.772
			0.959	1.744	11	-1180.21	2382.808
				1.759	10	-1181.25	2382.822
-5.465		-0.113	0.331	1.784	11	-1180.22	2382.831
-9.263	-3.176	-1.42	-0.501	1.738	14	-1177.12	2382.851
-2.959		-0.586	0.31	1.675	11	-1180.25	2382.887
-7.785	0.206	-1.104		1.771	13	-1178.2	2382.931
-4.353		0.606	0.39	1.746	14	-1177.16	2382.94
				1.73	9	-1182.35	2382.952
-0.363		0.973		1.79	9	-1182.35	2382.962
-0.311		0.979		1.789	9	-1182.37	2383.002

-5.912	1.175	0.366	0.495	1.736	13	-1178.25	2383.02
-5.851			0.359	1.718	13	-1178.26	2383.055
		2.63	1.416	1.747	14	-1177.22	2383.057
-0.249		1.041		1.788	9	-1182.4	2383.065
-0.231		1.035		1.786	9	-1182.41	2383.074
-0.208	0.027	1.065		1.788	9	-1182.41	2383.076
-0.218		1.05		1.786	9	-1182.41	2383.079
-0.223		1.044		1.785	9	-1182.41	2383.079
-3.195				1.751	9	-1182.44	2383.138
-4.856				1.778	11	-1180.39	2383.161
-4.72	0.301			1.781	11	-1180.39	2383.163
	0.177	1.225		1.792	9	-1182.46	2383.183
		1.206		1.789	9	-1182.47	2383.198
-4.602	0.894			1.78	13	-1178.33	2383.199
	0.175	1.269		1.792	9	-1182.48	2383.211
-1.207				1.755	9	-1182.48	2383.215
	0.465	1.256		1.792	9	-1182.48	2383.217
		1.265		1.79	9	-1182.48	2383.227
	1.743			1.777	10	-1181.46	2383.232
	0.137	1.245		1.79	9	-1182.5	2383.253
	0.131	1.233		1.79	9	-1182.5	2383.254
	0.098	1.205		1.787	9	-1182.51	2383.271
		1.231		1.786	9	-1182.51	2383.283
		1.122		1.776	9	-1182.51	2383.283
		1.214		1.785	9	-1182.51	2383.284
	3.486		1.344	1.747	12	-1179.42	2383.291
-5.238	-0.557			1.788	11	-1180.46	2383.297
		1.166		1.781	9	-1182.52	2383.3
		1.142		1.777	9	-1182.52	2383.301
		1.14		1.778	9	-1182.52	2383.306
	1.363	1.95	0.927	1.758	11	-1180.46	2383.307
		1.142		1.777	9	-1182.52	2383.308
		1.062		1.766	9	-1182.53	2383.319
		1.082		1.776	9	-1182.53	2383.326
		1.097		1.76	9	-1182.54	2383.34
		1.147		1.765	9	-1182.55	2383.355
		1.16		1.772	9	-1182.55	2383.359
		1.174		1.77	9	-1182.55	2383.368
			0.997	1.743	12	-1179.46	2383.383
-2.499		1.812		1.769	9	-1182.57	2383.402
-1.387				1.752	9	-1182.58	2383.422
			0.705	1.751	13	-1178.45	2383.427
-6.235	0.095	-1.193		1.786	13	-1178.46	2383.446
	2.831	3.421	1.743	1.749	12	-1179.52	2383.486
-0.744				1.763	9	-1182.63	2383.53
	12.157	-1.157	2.457	1.737	15	-1176.43	2383.554
-1.161				1.755	9	-1182.65	2383.559
-7.957		-0.867		1.759	12	-1179.58	2383.617

				1.765	9	-1182.68	2383.623
			0.814	1.739	11	-1180.63	2383.645
-5.676		-0.362		1.82	11	-1180.64	2383.656
-7.543	-0.842	-0.457		1.749	12	-1179.61	2383.671
-6.518			0.221	1.755	12	-1179.61	2383.678
-7.746	-0.85	-0.322		1.747	12	-1179.62	2383.696
-5.666		-0.433	0.238	1.679	12	-1179.62	2383.697
-6.525	-0.493		0.152	1.748	12	-1179.63	2383.717
				1.774	11	-1180.67	2383.721
-7.704		-1.56		1.748	12	-1179.64	2383.725
-7.338	-1.25			1.754	12	-1179.65	2383.751
	2.821	1.963	1.009	1.748	12	-1179.66	2383.769
	1.882			1.805	11	-1180.69	2383.771
-7.53	-1.206		0.032	1.752	12	-1179.67	2383.785
-7.765	0.928	-1.38		1.766	12	-1179.67	2383.785
	-2.581	3.786	1.198	1.749	14	-1177.59	2383.792
-7.135	-0.652		0.062	1.752	12	-1179.67	2383.792
-7.46	-1.245	-0.082		1.744	12	-1179.67	2383.799
-7.041	-1.187			1.749	12	-1179.67	2383.799
-7.646	-0.798	-0.119	0.046	1.75	12	-1179.68	2383.807
-1.481				1.753	9	-1182.77	2383.809
-6.872		-0.945	0.161	1.739	12	-1179.68	2383.811
-6.556	-0.573			1.753	12	-1179.69	2383.836
-7.531		-0.447		1.751	12	-1179.7	2383.856
-0.776				1.732	10	-1181.77	2383.865
-4.916	1.655		0.448	1.751	12	-1179.71	2383.879
		1.205	0.512	1.714	10	-1181.79	2383.9
	1.145			1.783	9	-1182.82	2383.905
		1.936	0.791	1.754	11	-1180.77	2383.928
-2.756	-0.451			1.812	13	-1178.7	2383.931
-1.774		1.409		1.782	10	-1181.81	2383.943
		1.132		1.771	7	-1184.89	2383.949
-6.554			0.1	1.747	12	-1179.75	2383.955
	0.601			1.765	10	-1181.82	2383.958
-6.852		-0.007	0.125	1.745	12	-1179.76	2383.974
-6.522				1.772	12	-1179.77	2383.994
		1.303	0.489	1.721	10	-1181.84	2384.006
-1.256	-0.622			1.758	9	-1182.88	2384.024
-6.285		0.169	0.256	1.773	12	-1179.79	2384.033
				1.804	12	-1179.8	2384.054
-6.521			0.241	1.776	12	-1179.81	2384.067
				1.771	9	-1182.91	2384.082
		0.979		1.783	10	-1181.9	2384.117
	0.231	1.442	0.455	1.761	10	-1181.9	2384.124
-1.081	-0.595			1.761	9	-1182.93	2384.127
	1.733	1.096	0.578	1.756	11	-1180.89	2384.155
-5.714			0.39	1.753	12	-1179.85	2384.157
	0.683	1.263	0.347	1.775	10	-1181.92	2384.164

				1.793	8	-1183.98	2384.168
		1.107	0.405	1.729	10	-1181.93	2384.188
			0.507	1.709	10	-1181.94	2384.191
		1.021	0.371	1.736	10	-1181.97	2384.249
-6.161		0.541	0.256	1.767	12	-1179.9	2384.251
		1.393	0.422	1.74	10	-1181.97	2384.252
		1.318	0.414	1.75	10	-1181.98	2384.275
				1.728	8	-1184.03	2384.276
		1.255	0.414	1.743	10	-1181.99	2384.294
		1.249	0.409	1.743	10	-1181.99	2384.302
		1.264	0.409	1.744	10	-1182	2384.308
		1.256	0.401	1.743	10	-1182	2384.31
0.014		1.262	0.408	1.742	10	-1182	2384.312
				1.761	9	-1183.03	2384.314
		1.376	0.384	1.759	10	-1182	2384.317
		3.122	1.322	1.75	12	-1179.94	2384.333
	1.087	1.133		1.795	10	-1182.01	2384.336
		1.62		1.773	8	-1184.07	2384.351
0.12	0.094	1.32	0.374	1.764	10	-1182.02	2384.365
		1.127		1.795	7	-1185.1	2384.366
	0.041	1.226	0.344	1.763	10	-1182.03	2384.371
		1.19	0.365	1.75	10	-1182.03	2384.372
-6.61		-0.102		1.794	12	-1179.96	2384.377
-0.021		1.194	0.344	1.758	10	-1182.03	2384.38
				1.762	10	-1182.03	2384.381
	0.039	1.214	0.334	1.764	10	-1182.03	2384.387
		1.175	0.356	1.751	10	-1182.03	2384.388
	0.072	1.238	0.31	1.77	10	-1182.04	2384.393
0.017		1.205	0.35	1.757	10	-1182.04	2384.396
0.079		1.25	0.365	1.751	10	-1182.04	2384.399
	0.054	1.223	0.315	1.768	10	-1182.04	2384.406
0.067		1.236	0.36	1.753	10	-1182.04	2384.408
0.063		1.24	0.358	1.755	10	-1182.05	2384.408
		1.196	0.338	1.756	10	-1182.05	2384.418
		1.204	0.323	1.76	10	-1182.05	2384.419
-0.936				1.758	9	-1183.1	2384.459
-5.722	-0.356		0.369	1.764	12	-1180.02	2384.487
-7.065	0.253	-1.106	-0.122	1.733	14	-1177.95	2384.512
		-0.3		1.805	12	-1180.04	2384.528
				1.845	8	-1184.16	2384.532
-5.157				1.736	10	-1182.11	2384.537
-6.031	-0.602	-0.518	0.182	1.757	12	-1180.06	2384.565
-0.327				1.744	10	-1182.13	2384.57
-4.822	0.985	-1.281	0.383	1.741	16	-1175.89	2384.576
-0.688		0.611		1.761	10	-1182.14	2384.601
-5.3		0.326	0.486	1.772	12	-1180.07	2384.601
	0.667	0.813		1.789	10	-1182.14	2384.607
	0.882	2.033	0.726	1.76	11	-1181.12	2384.622

-3.058	1.455			1.758	10	-1182.15	2384.622
	-0.164			1.81	12	-1180.08	2384.622
				1.727	9	-1183.18	2384.624
-0.436	1.228			1.762	11	-1181.12	2384.632
		0.995	0.882	1.751	12	-1180.1	2384.648
-0.961				1.857	8	-1184.22	2384.649
		0.863		1.803	12	-1180.1	2384.658
-3.198				1.729	9	-1183.22	2384.694
	1.88		0.277	1.754	11	-1181.16	2384.697
-1.212	-0.903			1.76	9	-1183.22	2384.703
	-4.1	1.635		1.777	13	-1179.09	2384.705
	0.71			1.769	11	-1181.17	2384.713
		1.61		1.755	8	-1184.25	2384.715
-6.48	-0.848	-0.876		1.764	12	-1180.15	2384.749
-1.097				1.858	8	-1184.27	2384.755
			0.17	1.724	10	-1182.22	2384.758
		1.923	0.492	1.763	9	-1183.25	2384.764
-0.732	-0.542			1.782	8	-1184.28	2384.768
				1.767	9	-1183.26	2384.773
		0.829		1.78	10	-1182.23	2384.773
				1.76	11	-1181.2	2384.774
		1.593		1.805	11	-1181.21	2384.798
		0.218		1.764	11	-1181.21	2384.8
-1.666	1.687			1.769	10	-1182.25	2384.809
				1.798	10	-1182.25	2384.81
	-11.811	6.067		1.775	13	-1179.15	2384.822
		0.387		1.746	10	-1182.26	2384.841
-0.692		0.682		1.768	10	-1182.27	2384.855
	0.743			1.809	10	-1182.27	2384.86
-0.414		0.695		1.77	10	-1182.27	2384.86
-1.203				1.748	10	-1182.27	2384.86
	-4.361	2.38		1.794	12	-1180.21	2384.865
			0.051	1.754	11	-1181.24	2384.867
-0.042				1.759	11	-1181.25	2384.884
-3.695		1.325		1.742	10	-1182.28	2384.885
	3.164	1.292	0.749	1.753	11	-1181.25	2384.887
-1.342	1.811			1.774	10	-1182.29	2384.893
		0.977		1.818	11	-1181.26	2384.897
	1.049		0.37	1.757	10	-1182.29	2384.903
-0.893	-0.697			1.762	9	-1183.34	2384.934
			0.447	1.702	9	-1183.34	2384.936
-0.65				1.871	7	-1185.39	2384.94
	1.426			1.768	11	-1181.28	2384.944
	1.553	0.4		1.784	11	-1181.28	2384.945
-0.537		0.735		1.772	10	-1182.32	2384.956
				1.733	10	-1182.33	2384.969
				1.735	10	-1182.33	2384.971
		1.969	0.612	1.747	11	-1181.29	2384.972

-2.651		0.423		1.763	10	-1182.33	2384.978
-0.492	-0.12	0.844		1.778	10	-1182.33	2384.978
		1.479		1.8	10	-1182.34	2384.996
				1.761	10	-1182.34	2385.004
	5.677		0.878	1.748	11	-1181.31	2385.01
-0.369		0.973		1.789	10	-1182.35	2385.02
	2.737	1.428	0.714	1.754	11	-1181.32	2385.027
-0.393	-0.086	0.883		1.781	10	-1182.36	2385.039
-0.316		0.979		1.788	10	-1182.37	2385.06
-0.522		0.835		1.776	10	-1182.37	2385.061
		1.59		1.833	8	-1184.43	2385.065
-0.982				1.752	10	-1182.37	2385.065
	0.441	1.405		1.798	10	-1182.38	2385.073
-2.794				1.752	10	-1182.38	2385.085
-0.316		1.12		1.794	10	-1182.39	2385.089
		0.837		1.752	10	-1182.39	2385.097
-1.166	0.463			1.767	10	-1182.4	2385.119
-0.294	-0.05	1.001		1.785	10	-1182.4	2385.119
-1.821				1.752	10	-1182.4	2385.12
-0.189	0.199	1.09		1.79	10	-1182.4	2385.12
-2.973				1.736	8	-1184.46	2385.121
-0.264		1.041		1.787	10	-1182.4	2385.121
-0.633		1.573		1.825	9	-1183.43	2385.125
-0.268		0.986		1.782	10	-1182.4	2385.128
				1.798	10	-1182.4	2385.128
-0.236		1.035		1.786	10	-1182.41	2385.132
-0.225	0.009	1.044		1.787	10	-1182.41	2385.132
-0.214	0.037	1.073		1.788	10	-1182.41	2385.132
-0.221		1.053		1.786	10	-1182.41	2385.137
	-7.802	4.892		1.761	12	-1180.34	2385.139
		1.487		1.796	10	-1182.41	2385.142
-1.859	1.826			1.769	10	-1182.42	2385.152
-1.146			0.137	1.743	10	-1182.42	2385.157
-3.337				1.752	10	-1182.42	2385.158
-7.905	1.706	-2.018		1.739	13	-1179.32	2385.171
	0.336	1.41		1.796	10	-1182.43	2385.177
-5.046	0.278			1.79	12	-1180.37	2385.185
	-0.435			1.773	9	-1183.46	2385.188
-4.836				1.775	10	-1182.44	2385.193
-3.193			0.007	1.75	10	-1182.44	2385.196
	2.013	3.326	1.362	1.753	12	-1180.37	2385.203
	0.168	1.171		1.79	10	-1182.46	2385.229
		0.998		1.803	7	-1185.53	2385.23
	0.236	1.231		1.792	10	-1182.46	2385.24
	0.18	1.228		1.792	10	-1182.46	2385.241
		0.731		1.766	10	-1182.46	2385.242
	1.639			1.775	11	-1181.43	2385.245
-1.905				1.728	11	-1181.43	2385.247

		1.172		1.787	10	-1182.47	2385.253
		1.21		1.789	10	-1182.47	2385.256
	0.304	1.267		1.793	10	-1182.47	2385.265
	0.431	1.229		1.792	10	-1182.47	2385.268
	0.181	1.274		1.792	10	-1182.48	2385.269
-1.185				1.756	10	-1182.48	2385.271
		2.425	0.593	1.755	12	-1180.41	2385.272
	2.115	1.879	0.973	1.756	12	-1180.41	2385.274
	0.499	1.256		1.792	10	-1182.48	2385.275
	0.475	1.257		1.792	10	-1182.48	2385.275
-2.13				1.746	10	-1182.48	2385.276
-7.138	1.797	-1.014	0.328	1.749	13	-1179.38	2385.28
		0.943	0.326	1.739	11	-1181.45	2385.281
		1.282		1.79	10	-1182.48	2385.285
		1.017		1.776	10	-1182.49	2385.293
	0.128	1.236		1.789	10	-1182.5	2385.311
	0.144	1.262		1.79	10	-1182.5	2385.311
	0.121	1.224		1.789	10	-1182.5	2385.312
		0.915		1.765	10	-1182.5	2385.319
-2.3		1.902	0.153	1.755	10	-1182.51	2385.331
		1.124		1.773	10	-1182.51	2385.336
		1.212		1.785	10	-1182.51	2385.339
		1.196		1.785	10	-1182.51	2385.34
		1.254		1.786	10	-1182.51	2385.341
		1.093		1.78	10	-1182.52	2385.353
-5.063				1.74	9	-1183.55	2385.356
		1.146		1.775	10	-1182.52	2385.356
				1.746	9	-1183.55	2385.363
		1.038		1.762	10	-1182.53	2385.372
		1.056		1.765	10	-1182.53	2385.377
-7.782		-1.199		1.739	13	-1179.43	2385.389
-2.334		1.881		1.779	10	-1182.54	2385.399
-0.638			0.173	1.747	10	-1182.55	2385.411
-1.35			0.094	1.744	10	-1182.55	2385.424
				1.735	10	-1182.56	2385.435
		3.459	1.198	1.753	12	-1180.49	2385.438
-2.451		1.804		1.772	10	-1182.56	2385.447
-2.563	-0.042	1.775		1.765	10	-1182.57	2385.456
-2.442		1.853		1.772	10	-1182.57	2385.456
	-1.361			1.761	12	-1180.51	2385.48
-4.945				1.779	9	-1183.61	2385.487
-0.54	0.396			1.773	10	-1182.58	2385.487
-0.698				1.807	8	-1184.64	2385.491
1.007	2.605	1.837	0.906	1.754	12	-1180.52	2385.493
		1.695		1.788	11	-1181.56	2385.498
-4.124	0.596			1.764	10	-1182.61	2385.536
-1.114			0.112	1.745	10	-1182.61	2385.537
-7.511		-0.653	0.15	1.75	13	-1179.51	2385.544

	2.213	1.424	0.62	1.761	11	-1181.59	2385.56
	2.762	3.428	1.739	1.75	13	-1179.52	2385.562
-2.703	-1.864			1.755	9	-1183.65	2385.563
-7.816	-0.86	-0.616		1.751	13	-1179.53	2385.586
-0.911				1.748	10	-1182.63	2385.586
-1.347				1.752	10	-1182.64	2385.594
	1.809			1.784	11	-1181.61	2385.604
	2.083	-0.496		1.799	12	-1180.58	2385.609
				1.835	6	-1186.75	2385.62
-1.352		1.526	0.262	1.758	11	-1181.62	2385.629
-3.609		1.098		1.804	10	-1182.66	2385.639
			0.274	1.747	10	-1182.66	2385.647
-2.075		1.073		1.755	11	-1181.63	2385.649
-8.81	-1.272	-0.992	-0.278	1.749	13	-1179.56	2385.651
	3.173	2.608	1.294	1.747	13	-1179.56	2385.652
	2.046	1.685	0.713	1.752	12	-1180.6	2385.659
			0.129	1.761	12	-1180.6	2385.66
-5.597	-3.783	1.796		1.744	12	-1180.61	2385.666
	2.378	1.179	0.556	1.761	11	-1181.64	2385.667
				1.768	10	-1182.68	2385.674
			0.829	1.746	12	-1180.62	2385.684
-2.209				1.74	9	-1183.72	2385.7
-7.679	-0.068	-0.832		1.752	13	-1179.59	2385.706
		1.902	0.437	1.722	9	-1183.72	2385.706
	0.587	0.773	0.338	1.764	11	-1181.66	2385.707
-7.203	-0.705	-0.335	0.085	1.747	13	-1179.59	2385.709
-5.628	1.754		0.545	1.755	13	-1179.59	2385.711
	1.632			1.791	10	-1182.71	2385.737
-1.112	-0.705			1.757	10	-1182.71	2385.739
	1.245	1.611	0.563	1.769	11	-1181.68	2385.74
				1.756	9	-1183.74	2385.743
-1.343	3.774		0.543	1.745	11	-1181.68	2385.744
-6.569			0.243	1.754	13	-1179.61	2385.744
-6.462	0.088		0.232	1.755	13	-1179.61	2385.754
		0.751	0.512	1.708	11	-1181.69	2385.758
-7.737	-1.009	-0.276		1.747	13	-1179.62	2385.768
-6.858	-0.524		0.154	1.755	13	-1179.62	2385.771
-4.22		1.494		1.789	11	-1181.71	2385.794
-7.601		-1.469	0.033	1.747	13	-1179.63	2385.799
			0.448	1.716	11	-1181.71	2385.806
	0.199	1.246		1.795	8	-1184.8	2385.816
-7.248	-1.199			1.756	13	-1179.65	2385.822
		2.116	1.241	1.748	13	-1179.65	2385.822
	0.611		0.132	1.755	11	-1181.73	2385.836
0.446	1.452	1.658	0.586	1.768	11	-1181.73	2385.84
	1.874			1.805	12	-1180.69	2385.841
		1.138	0.137	1.768	8	-1184.82	2385.842
-1.457			0.059	1.748	10	-1182.76	2385.844

0.354	1.011			1.773	11	-1181.73	2385.849
-1.442	2.02			1.77	11	-1181.73	2385.849
-6.989	-1.202		-0.008	1.747	13	-1179.66	2385.852
-2.043	-0.746			1.749	10	-1182.77	2385.862
		1.926		1.791	9	-1183.8	2385.865
		2.229		1.799	9	-1183.8	2385.87
-7.42	-1.205	-0.068	0.005	1.744	13	-1179.67	2385.874
-0.945	-0.673			1.76	10	-1182.78	2385.878
-0.816			0.041	1.736	11	-1181.75	2385.878
		1.224		1.789	8	-1184.84	2385.881
	4.076		0.781	1.748	11	-1181.75	2385.881
	0.731			1.77	10	-1182.78	2385.884
-0.836		-0.012		1.739	11	-1181.75	2385.89
				1.811	9	-1183.82	2385.898
	-1.145			1.781	13	-1179.68	2385.9
2.186	2.83	1.782	1.031	1.76	12	-1180.72	2385.9
		1.167		1.76	8	-1184.85	2385.9
			0.27	1.739	10	-1182.79	2385.904
-2.018		1.175		1.765	11	-1181.76	2385.904
-2.034	-0.183	1.235		1.764	11	-1181.76	2385.911
	2.835	1.236	0.732	1.752	12	-1180.73	2385.916
	1.735	0.694	0.427	1.756	12	-1180.74	2385.923
-7.707		-0.591	-0.055	1.752	13	-1179.7	2385.927
				1.762	9	-1183.84	2385.935
		1.109		1.778	8	-1184.87	2385.951
		1.252	0.52	1.716	11	-1181.79	2385.957
		1.193	0.505	1.715	11	-1181.79	2385.96
		2.323	0.813	1.718	10	-1182.83	2385.97
-1.218		2.498	0.779	1.762	11	-1181.79	2385.971
	2.085			1.79	10	-1182.83	2385.971
-4.313	0.725			1.776	9	-1183.86	2385.982
	0.669	0.039		1.777	11	-1181.8	2385.985
	0.878			1.771	10	-1182.84	2385.99
0.024		1.146		1.769	8	-1184.89	2385.992
		1.131		1.77	8	-1184.89	2385.994
			0.558	1.713	11	-1181.81	2385.997
-1.782		1.409		1.782	11	-1181.81	2386.007
		2.103		1.778	9	-1183.87	2386.009
	-0.187			1.766	9	-1183.88	2386.017
-1.11	2.13			1.775	11	-1181.82	2386.018
	0.456	2.087		1.798	9	-1183.88	2386.023
0.3		1.325		1.776	8	-1184.91	2386.025
		2.077		1.814	9	-1183.89	2386.031
-0.771				1.755	10	-1182.86	2386.035
	0.378	1.578	0.477	1.768	11	-1181.83	2386.04
	1.348	0.947		1.805	11	-1181.83	2386.041
		1.723		1.799	9	-1183.9	2386.059
		1.33	0.493	1.722	11	-1181.84	2386.068

-1.732	-0.986	0.961		1.78	10	-1182.88	2386.068
		1.663	0.589	1.728	11	-1181.84	2386.068
		1.307	0.494	1.72	11	-1181.84	2386.069
-1.748	3.004		0.414	1.745	11	-1181.85	2386.076
-1.253	-0.623		0.005	1.758	10	-1182.88	2386.083
-6.209		0.277	0.307	1.77	13	-1179.78	2386.089
-4.381		0.701		1.739	11	-1181.86	2386.097
				1.783	9	-1183.92	2386.097
		0.17		1.807	13	-1179.79	2386.108
		1.596		1.788	9	-1183.93	2386.11
-0.336		0.855	0.319	1.734	11	-1181.86	2386.113
	0.234	1.705	0.447	1.762	11	-1181.87	2386.117
		0.917		1.769	12	-1180.83	2386.12
				1.77	10	-1182.9	2386.121
	2.291	1.14		1.795	8	-1184.96	2386.124
-0.734				1.871	8	-1184.96	2386.13
		1.672		1.798	9	-1183.94	2386.131
0.135	0.285	1.554	0.521	1.757	11	-1181.88	2386.138
		0.88	0.312	1.751	11	-1181.88	2386.138
	0.355	1.015		1.789	11	-1181.88	2386.144
-0.429	0.855	0.805		1.786	11	-1181.88	2386.146
	0.23	1.749		1.803	9	-1183.95	2386.152
2.053		2.235	0.774	1.754	12	-1180.85	2386.154
-0.992	1.355			1.77	10	-1182.92	2386.159
-5.37			-0.248	1.761	11	-1181.89	2386.161
	0.279	1.456	0.447	1.764	11	-1181.89	2386.161
		1.756		1.8	9	-1183.96	2386.171
	0.249	1.462	0.453	1.763	11	-1181.9	2386.182
-1.071	-0.599		0.021	1.759	10	-1182.93	2386.183
	0.231	1.442	0.455	1.761	11	-1181.9	2386.188
-1.231		1.771		1.823	10	-1182.94	2386.188
0.034		0.985		1.773	11	-1181.91	2386.206
-0.056				1.797	9	-1183.98	2386.212
			0.024	1.793	9	-1183.98	2386.216
	-8.215	3.856		1.773	14	-1178.8	2386.217
		1.481	0.426	1.76	11	-1181.92	2386.221
		1.213	0.425	1.727	11	-1181.93	2386.234
				1.792	11	-1181.93	2386.236
		1.034	0.382	1.728	11	-1181.93	2386.238
		1.598	0.425	1.752	11	-1181.93	2386.252
0.554	0.415	1.644	0.481	1.769	11	-1181.94	2386.259
		1.406	0.46	1.732	11	-1181.94	2386.265
	3.79	0.872	0.774	1.752	12	-1180.91	2386.265
0.352	0.285	1.577	0.448	1.768	11	-1181.95	2386.285
	-0.485			1.777	7	-1186.06	2386.289
-0.086		0.944	0.339	1.74	11	-1181.96	2386.298
-0.767	-1.443			1.77	9	-1184.02	2386.304
		0.934	0.348	1.736	11	-1181.96	2386.308

			0.228	1.71	10	-1183	2386.313
				1.763	10	-1183	2386.328
		1.067		1.78	8	-1185.06	2386.329
		1.331	0.406	1.753	11	-1181.97	2386.33
-1.656				1.744	9	-1184.04	2386.335
0.036		1.341	0.43	1.748	11	-1181.98	2386.336
	-0.433	1.588		1.789	9	-1184.04	2386.337
		1.31	0.417	1.749	11	-1181.98	2386.338
		1.327	0.413	1.751	11	-1181.98	2386.339
-0.066		1.222	0.395	1.746	11	-1181.98	2386.35
	1.159	1.234		1.799	11	-1181.99	2386.357
	0.064	1.405	0.369	1.769	11	-1181.99	2386.36
-3.016	2.212		0.227	1.742	11	-1181.99	2386.363
-0.028		1.233	0.4	1.745	11	-1181.99	2386.365
	0.838	3.141	1.038	1.757	11	-1181.99	2386.37
0.029		1.272	0.412	1.741	11	-1181.99	2386.372
-0.008		1.261	0.407	1.744	11	-1182	2386.373
-2.371	2.255			1.754	10	-1183.03	2386.376
-0.028		1.373	0.374	1.762	11	-1182	2386.38
		1.375	0.384	1.759	11	-1182	2386.381
		1.148		1.79	8	-1185.09	2386.387
		1.604		1.776	9	-1184.07	2386.393
	-0.06	1.095		1.787	8	-1185.09	2386.394
	1.079	1.108		1.795	11	-1182.01	2386.399
		0.235		1.767	11	-1182.01	2386.4
-0.215		1.028	0.32	1.749	11	-1182.01	2386.404
	0.599			1.798	11	-1182.01	2386.405
-5.151				1.748	11	-1182.01	2386.409
			0.087	1.744	11	-1182.01	2386.409
		1.127	0.002	1.795	8	-1185.1	2386.413
-0.36	1.513		0.198	1.756	12	-1180.98	2386.415
0.234				1.765	11	-1182.02	2386.421
	1.217			1.797	11	-1182.02	2386.421
0.209		1.408	0.391	1.759	11	-1182.02	2386.425
0.154	0.113	1.352	0.382	1.764	11	-1182.02	2386.428
		0.799		1.778	7	-1186.13	2386.428
0.088	0.08	1.295	0.368	1.763	11	-1182.02	2386.429
-0.086		1.099	0.336	1.751	11	-1182.03	2386.445
0.243		1.367	0.386	1.758	11	-1182.04	2386.456
			0.242	1.746	10	-1183.07	2386.456
-2.232				1.737	11	-1182.04	2386.462
	3.558		0.521	1.753	12	-1181.01	2386.465
-1.002				1.747	12	-1181.01	2386.478
-2.162	2.707			1.771	10	-1183.08	2386.48
-1.043	1.368	0.546		1.78	11	-1182.05	2386.483
	1.698		0.259	1.756	12	-1181.02	2386.49
-0.906			0.063	1.753	10	-1183.09	2386.493
-1.035	1.059			1.753	12	-1181.02	2386.5

-0.362		1.813	0.357	1.796	10	-1183.09	2386.501
-0.377				1.85	9	-1184.13	2386.513
	0.721	0.675		1.809	11	-1182.07	2386.523
-5.213	0.192			1.749	11	-1182.07	2386.532
-0.303			0.098	1.744	11	-1182.08	2386.535
-5.955	-0.452	-0.184	0.316	1.764	13	-1180.01	2386.554
		1.251		1.78	9	-1184.15	2386.557
0.443		1.274		1.778	8	-1185.18	2386.561
-0.323		0.199		1.757	11	-1182.09	2386.565
				1.841	9	-1184.15	2386.566
			0.039	1.844	9	-1184.16	2386.574
-3.794	0.474	1.374		1.771	11	-1182.1	2386.575
	1.728	1.907	0.773	1.758	12	-1181.06	2386.577
		0.849		1.804	11	-1182.1	2386.577
	1.181		0.185	1.757	12	-1181.07	2386.597
-2.926	1.424	0.225		1.772	11	-1182.11	2386.598
-1.729	-1.231			1.758	10	-1183.14	2386.6
-2.954	1.532			1.767	11	-1182.11	2386.605
		1.613		1.764	9	-1184.17	2386.607
	0.084	-0.309		1.796	13	-1180.04	2386.612
-1.912	3.969			1.775	9	-1184.18	2386.618
-0.636	-0.605			1.781	9	-1184.18	2386.619
-1.113	-0.944			1.76	10	-1183.16	2386.63
-0.832	1.376	0.54		1.783	11	-1182.12	2386.63
-3.8		-0.275		1.728	10	-1183.16	2386.639
		3.373	1.05	1.762	11	-1182.13	2386.643
-1.008			-0.095	1.86	9	-1184.19	2386.648
-4.666	10.36	-3.423	1.187	1.737	14	-1179.02	2386.654
	0.838	0.824		1.791	11	-1182.14	2386.662
-0.371	1.114			1.77	12	-1181.11	2386.665
-1.85	2.736		0.318	1.738	11	-1182.14	2386.667
-0.051	0.613	0.786		1.788	11	-1182.14	2386.668
	0.772	0.247		1.775	12	-1181.11	2386.67
-1.003				1.852	9	-1184.21	2386.672
-0.45	1.297	0.032		1.771	12	-1181.11	2386.676
	0.542	2.515	0.493	1.77	10	-1183.18	2386.678
-2.955	1.052	0.918		1.796	10	-1183.18	2386.683
-2.98	1.531			1.758	11	-1182.15	2386.686
	4.374	0.726	0.808	1.751	12	-1181.13	2386.707
				1.795	7	-1186.28	2386.715
-1.154			-0.115	1.862	9	-1184.23	2386.729
-0.772	-0.769			1.761	10	-1183.21	2386.732
-3.237		1.522	0.423	1.779	11	-1182.18	2386.737
				1.784	11	-1182.18	2386.738
		2.72	0.568	1.789	10	-1183.21	2386.741
-1.24	-0.895		-0.052	1.763	10	-1183.21	2386.744
-1.715		0.619		1.77	11	-1182.18	2386.746
-3.021			-0.069	1.729	10	-1183.22	2386.762

	1.915		0.286	1.753	12	-1181.16	2386.763
		2.556	0.445	1.768	10	-1183.22	2386.766
	3.47	1.57	0.895	1.751	12	-1181.16	2386.766
	-1.062	1.023		1.799	12	-1181.16	2386.768
-0.848		0.417		1.76	11	-1182.2	2386.773
		1.316		1.807	12	-1181.16	2386.776
	0.097	1.962	0.47	1.777	10	-1183.23	2386.777
-1.14				1.854	9	-1184.26	2386.777
	0.595			1.768	12	-1181.16	2386.778
		0.323	0.114	1.744	12	-1181.17	2386.786
-4.457	-2.457	1.228		1.788	11	-1182.21	2386.794
0.265		1.758		1.814	9	-1184.27	2386.796
			0.198	1.709	11	-1182.21	2386.797
-0.668				1.759	7	-1186.32	2386.798
				1.741	11	-1182.21	2386.8
				1.757	10	-1183.24	2386.802
			0.162	1.729	11	-1182.21	2386.806
				1.759	9	-1184.27	2386.808
-0.752	-0.535		-0.04	1.784	9	-1184.28	2386.81
		1.926	0.511	1.758	10	-1183.25	2386.815
-0.751				1.878	8	-1185.3	2386.816
		1.921	0.504	1.76	10	-1183.25	2386.82
		1.932	0.486	1.766	10	-1183.25	2386.821
-2.027		0.452		1.735	9	-1184.28	2386.822
	3.166	1.746	0.893	1.752	12	-1181.19	2386.824
-2.726		0.654		1.772	11	-1182.22	2386.825
			0.345	1.717	10	-1183.25	2386.827
-0.382	3.406	0.971	0.693	1.751	12	-1181.19	2386.83
			0.037	1.756	12	-1181.19	2386.835
0.005		0.831		1.78	11	-1182.23	2386.838
0.241		0.357		1.76	12	-1181.19	2386.843
-1.03	1.243	0.61		1.781	11	-1182.23	2386.845
-1.599	1.822			1.76	11	-1182.23	2386.848
-1.028	0.828		0.261	1.752	11	-1182.23	2386.849
		1.843		1.805	9	-1184.29	2386.85
	-0.507			1.783	11	-1182.24	2386.86
-3.491		1.412	0.121	1.732	11	-1182.24	2386.865
-0.726			-0.142	1.875	8	-1185.33	2386.866
		2.212	0.423	1.758	10	-1183.27	2386.868
1.149	7.082		1.153	1.751	12	-1181.21	2386.877
-1.515	1.504			1.759	11	-1182.25	2386.877
	1.214			1.797	11	-1182.25	2386.879
-1.713	1.514			1.756	11	-1182.26	2386.893
		0.352		1.748	11	-1182.26	2386.897
-0.541	2.995	1.053	0.638	1.752	12	-1181.22	2386.901
		0.392		1.745	11	-1182.26	2386.902
	1.332		0.428	1.756	11	-1182.26	2386.906
		0.9		1.772	8	-1185.35	2386.911

	5.18		0.76	1.75	12	-1181.23	2386.917
-1.197			0.022	1.746	11	-1182.27	2386.922
-0.634		0.509		1.765	11	-1182.27	2386.928
		1.157		1.828	8	-1185.36	2386.932
-0.699				1.864	8	-1185.36	2386.935
-2.365		0.617	0.144	1.756	11	-1182.28	2386.936
-0.022			0.05	1.754	12	-1181.24	2386.937
	1.508	0.197		1.781	12	-1181.25	2386.953
-1.335	1.808			1.774	11	-1182.29	2386.958
	0.707	1.699		1.805	9	-1184.35	2386.96
0.1	1.182		0.404	1.757	11	-1182.29	2386.96
	-5.954	3.718		1.758	13	-1180.22	2386.961
	-0.535			1.771	10	-1183.32	2386.965
		0.316		1.768	11	-1182.29	2386.967
	1.235	2.276	0.692	1.778	10	-1183.33	2386.974
-5.549				1.765	10	-1183.33	2386.978
	-0.669			1.777	8	-1185.39	2386.984
-4.241		0.512		1.789	11	-1182.3	2386.988
-0.905	-0.692		-0.025	1.764	10	-1183.34	2386.989
	1.604	0.477		1.787	12	-1181.27	2386.991
-1.311		1.603		1.784	12	-1181.27	2387.002
0.708	2.873	2.491	1.092	1.756	12	-1181.28	2387.015
-0.506	-0.171	0.791		1.777	11	-1182.32	2387.028
				1.758	8	-1185.41	2387.029
		0.618		1.749	11	-1182.33	2387.039
	-0.189	1.493		1.799	11	-1182.34	2387.054
	-4.508	3.88	0.295	1.755	13	-1180.26	2387.055
		1.484		1.8	11	-1182.34	2387.06
-0.741	-0.339	0.979		1.783	11	-1182.34	2387.065
	-0.472		0.158	1.763	10	-1183.38	2387.08
-5.276	-1.023			1.766	11	-1182.35	2387.086
-0.531		1.228		1.798	11	-1182.35	2387.088
-1.345		0.771		1.761	10	-1183.39	2387.093
-0.398	-0.12	0.847		1.78	11	-1182.36	2387.097
	5.359		0.829	1.741	12	-1181.32	2387.099
-5.34	-1.763			1.756	10	-1183.39	2387.103
		1.594	0.04	1.832	9	-1184.42	2387.103
-0.342	0.675	0.914		1.787	11	-1182.36	2387.103
-0.557		0.776		1.774	11	-1182.37	2387.113
-0.968			0.046	1.748	11	-1182.37	2387.116
-1.618	0.334			1.761	11	-1182.37	2387.117
-1.993		0.481		1.736	12	-1181.34	2387.123
	0.41	1.368		1.798	11	-1182.37	2387.123
	-0.163	0.919		1.782	8	-1185.46	2387.131
-0.566	-7.106	4.508		1.757	13	-1180.3	2387.136
-1.652			0.092	1.744	11	-1182.38	2387.138
	2.909	1.832	0.874	1.755	12	-1181.34	2387.139
-2.775			0.025	1.75	11	-1182.38	2387.145

0.968	1.286	2.862	1.02	1.752	12	-1181.35	2387.146
-2.838				1.752	11	-1182.38	2387.149
-10.669	-7.677		-1.186	1.746	13	-1180.31	2387.149
-2.984			0.065	1.731	9	-1184.44	2387.15
	2.378			1.791	11	-1182.39	2387.153
	-0.415			1.764	10	-1183.42	2387.164
				1.758	6	-1187.52	2387.168
-1.866				1.75	11	-1182.4	2387.182
-0.195	0.205	1.097		1.79	11	-1182.4	2387.183
-0.295	-0.042	1.007		1.785	11	-1182.4	2387.183
-0.273		0.962		1.782	11	-1182.4	2387.191
-0.226	0.021	1.055		1.787	11	-1182.41	2387.196
-2.617	-1.372	2.07		1.758	11	-1182.41	2387.198
		1.511		1.797	11	-1182.41	2387.204
-7.788	1.837	-1.738	0.118	1.748	14	-1179.3	2387.204
	-0.105	1.5		1.796	11	-1182.41	2387.204
-1.091			0.145	1.745	11	-1182.41	2387.21
	0.743	2.696	0.93	1.762	12	-1181.38	2387.216
-3.345			0.029	1.749	11	-1182.42	2387.216
				1.821	7	-1186.53	2387.224
		1.025		1.796	8	-1185.51	2387.225
-2.152			-0.127	1.738	12	-1181.39	2387.225
0.912	1.618		0.34	1.753	12	-1181.39	2387.237
0.774		2.667	0.71	1.756	13	-1180.35	2387.237
			0.395	1.752	10	-1183.46	2387.238
	0.319	1.394		1.795	11	-1182.43	2387.238
-7.889	2.441	-2.429		1.746	14	-1179.31	2387.239
-4.818			-0.048	1.779	11	-1182.43	2387.24
-3.187				1.732	10	-1183.46	2387.243
-1.11	3.495		0.428	1.749	12	-1181.39	2387.243
		0.999	-0.063	1.804	8	-1185.52	2387.245
	1.568	3.434	1.353	1.754	13	-1180.36	2387.253
-2.612	-0.45	1.661		1.761	11	-1182.44	2387.254
1.449	1.529	2.865	1.051	1.752	12	-1181.41	2387.264
		2.335	0.594	1.775	10	-1183.47	2387.267
	2.464	1.147	0.349	1.781	9	-1184.51	2387.274
	0.424	1.15		1.791	11	-1182.45	2387.28
-2.857	-1.85		-0.221	1.769	10	-1183.48	2387.283
				1.757	9	-1184.52	2387.29
	0.155	1.157		1.79	11	-1182.46	2387.293
-2.064		2.004	0.175	1.766	11	-1182.46	2387.298
-4.85	0.285			1.749	10	-1183.49	2387.299
-7.7	-6.231	1.761	-0.438	1.758	13	-1180.38	2387.299
	0.833	1.038		1.793	11	-1182.46	2387.302
		0.727		1.767	11	-1182.46	2387.304
	0.236	1.23		1.792	11	-1182.46	2387.304
		2.7	0.863	1.743	11	-1182.46	2387.307
-2.56		1.535		1.765	11	-1182.47	2387.313

				1.836	7	-1186.58	2387.314
		1.159		1.787	11	-1182.47	2387.317
	0.584	1.202		1.792	11	-1182.47	2387.321
		0.624		1.733	7	-1186.58	2387.323
	0.522	1.221		1.792	11	-1182.47	2387.326
	0.332	1.252		1.792	11	-1182.47	2387.329
				1.834	7	-1186.59	2387.332
		1.875	0.433	1.747	13	-1180.4	2387.334
	12.933		2.514	1.755	13	-1180.4	2387.335
-2.07			0.031	1.743	11	-1182.48	2387.336
				1.768	7	-1186.59	2387.336
		2.236	0.368	1.745	10	-1183.51	2387.338
-5.146			-0.096	1.747	10	-1183.52	2387.361
-2.12		2.029	0.175	1.762	11	-1182.49	2387.365
-2.163	-0.901			1.742	11	-1182.49	2387.367
	0.135	1.253		1.79	11	-1182.5	2387.375
-3.855		1.753	0.299	1.772	12	-1181.46	2387.376
-2.173	-0.913	1.19		1.784	11	-1182.5	2387.377
		2.738	0.829	1.741	11	-1182.5	2387.385
-2.5	1.405	1.488	0.538	1.774	11	-1182.5	2387.385
-2.182	0.061	1.968	0.173	1.759	11	-1182.5	2387.386
			0.209	1.841	7	-1186.61	2387.39
-2.3		1.902	0.153	1.755	11	-1182.51	2387.396
-1.656		1.206	0.24	1.735	12	-1181.47	2387.398
		1.25	0.334	1.731	9	-1184.57	2387.398
		1.223		1.785	11	-1182.51	2387.403
-0.617				1.808	9	-1184.57	2387.407
	-0.875			1.763	9	-1184.58	2387.416
-1.489	2.871		0.309	1.749	12	-1181.48	2387.417
-0.78	1.791			1.771	11	-1182.52	2387.43
				1.839	7	-1186.63	2387.43
-8.372		-1.437	-0.095	1.748	14	-1179.41	2387.432
-2.828	-1.823			1.749	10	-1183.56	2387.434
			0.101	1.726	11	-1182.53	2387.434
	-0.777	1.154		1.782	9	-1184.59	2387.442
-1.65	3.712			1.776	10	-1183.56	2387.442
				1.769	10	-1183.57	2387.45
-2.323		1.915		1.78	11	-1182.54	2387.455
	0.604	1.458		1.804	9	-1184.6	2387.463
-0.669			0.169	1.747	11	-1182.55	2387.475
	0.671			1.771	10	-1183.59	2387.493
1.685		1.619	0.587	1.745	12	-1181.52	2387.5
-4.975			0.08	1.773	10	-1183.59	2387.506
-3.977	0.75	0.243		1.78	11	-1182.56	2387.506
		1.506		1.801	9	-1184.62	2387.509
-4.554		1.032		1.778	12	-1181.53	2387.509
-2.469		1.782		1.77	11	-1182.56	2387.511
-1.708	0.56	1.129		1.773	12	-1181.53	2387.513

	0.752	2.502	0.748	1.757	12	-1181.53	2387.515
		1.638	0.315	1.762	10	-1183.6	2387.517
1.379	2.173	2.017	0.923	1.756	13	-1180.49	2387.518
-2.383	-0.15	1.577		1.754	11	-1182.57	2387.519
		0.879		1.788	6	-1187.7	2387.523
			0.227	1.739	10	-1183.6	2387.526
-0.709			-0.023	1.809	9	-1184.64	2387.54
	2.416	1.458	0.668	1.76	12	-1181.55	2387.546
-1.91	4.901		0.458	1.738	10	-1183.62	2387.549
	2.061	-0.75		1.804	13	-1180.51	2387.553
	-1.293		0.017	1.76	13	-1180.51	2387.555
1.156	2.75	2.071	1.004	1.754	13	-1180.51	2387.558
				1.767	8	-1185.68	2387.563
1.008	2.605	1.837	0.906	1.754	13	-1180.52	2387.569
-0.394	2.46	1.175	0.575	1.758	12	-1181.56	2387.571
-4.347	0.657		0.007	1.773	11	-1182.6	2387.576
		0.709	0.58	1.718	12	-1181.56	2387.577
				1.825	7	-1186.71	2387.582
		2.294	0.703	1.747	12	-1181.57	2387.589
-1.4				1.767	8	-1185.69	2387.594
-0.777		2.053	0.665	1.753	12	-1181.57	2387.601
				1.8	8	-1185.7	2387.61
	2.368	1.362	0.62	1.76	12	-1181.58	2387.615
-0.793	3.999		0.646	1.746	12	-1181.58	2387.615
-1.394		1.555	0.307	1.748	12	-1181.59	2387.632
	1.983	-0.229		1.782	12	-1181.59	2387.634
-8.427	-1.183	-1.129	-0.241	1.747	14	-1179.51	2387.638
	-0.562			1.766	8	-1185.72	2387.648
0.277	0.402	1.531		1.8	9	-1184.7	2387.652
-1.345			0.01	1.751	11	-1182.64	2387.658
-0.169	1.875			1.783	12	-1181.6	2387.662
0.219	2.371	1.391	0.626	1.76	12	-1181.61	2387.67
-1.515		1.387	0.242	1.75	12	-1181.61	2387.671
0.955		2.833	0.899	1.758	12	-1181.61	2387.672
	-0.547		0.322	1.763	8	-1185.74	2387.679
	4.773	1.418	0.802	1.761	10	-1183.68	2387.68
		3.701	0.773	1.765	11	-1182.65	2387.682
			0.5	1.725	9	-1184.72	2387.69
-5.962	-4.239	2.035		1.754	13	-1180.58	2387.69
-1.414	-0.033	1.489	0.251	1.756	12	-1181.62	2387.697
	1.987	1.435	0.63	1.752	13	-1180.59	2387.705
-2.254			-0.09	1.748	10	-1183.69	2387.706
			0.274	1.747	11	-1182.66	2387.712
		0.502	0.474	1.713	12	-1181.63	2387.717
0.248		1.295	0.268	1.748	9	-1184.73	2387.718
		1.144		1.766	9	-1184.73	2387.719
-8.84	-1.551	-0.941	-0.289	1.75	14	-1179.55	2387.72
0.294		1.54		1.796	9	-1184.74	2387.73

0.416				1.79	10	-1183.71	2387.733
0.561		1.499	0.276	1.755	9	-1184.74	2387.735
	0.994	1.23		1.798	9	-1184.74	2387.736
	0.597	0.515	0.266	1.764	12	-1181.64	2387.737
		2.078		1.795	10	-1183.71	2387.743
-2.162				1.74	10	-1183.72	2387.75
		1.895	0.425	1.725	10	-1183.72	2387.76
	-1.181			1.769	10	-1183.73	2387.769
	0.166	1.232	0.109	1.789	9	-1184.76	2387.774
		1.134	0.227	1.75	9	-1184.76	2387.779
-1.131	-0.7		-0.061	1.761	11	-1182.7	2387.779
-5.729	1.572		0.512	1.755	14	-1179.59	2387.793
0.956	0.991	2.66	0.916	1.76	12	-1181.67	2387.794
0.589		1.621		1.81	9	-1184.77	2387.8
	1.577			1.787	11	-1182.71	2387.804
	1.039			1.77	10	-1183.74	2387.805
2.746	3.505	2.716	1.433	1.758	13	-1180.64	2387.809
-0.893	2.435		0.312	1.753	11	-1182.71	2387.812
		2.442		1.804	10	-1183.75	2387.814
1.463	3.524	1.469	0.979	1.747	13	-1180.64	2387.817
		2.854	0.695	1.749	11	-1182.72	2387.821
				1.765	9	-1184.78	2387.822
		1.98		1.8	10	-1183.75	2387.826
		2.474	0.654	1.752	12	-1181.69	2387.831
-1.87	1.768			1.762	12	-1181.69	2387.837
	1.924	0.98		1.795	9	-1184.79	2387.847
		1.2	0.109	1.781	9	-1184.79	2387.847
	-0.69	2.342		1.794	10	-1183.76	2387.847
			0.156	1.751	10	-1183.77	2387.853
	0.239	1.283		1.796	9	-1184.8	2387.86
1.035	0.958	2.574	0.904	1.76	12	-1181.71	2387.879
-2.267	-0.759		-0.093	1.753	11	-1182.75	2387.88
		1.908		1.795	10	-1183.78	2387.881
		2.09		1.797	10	-1183.79	2387.888
-2.069		0.955		1.758	12	-1181.72	2387.89
-0.874		0.922		1.769	13	-1180.68	2387.893
		1.135	0.132	1.769	9	-1184.82	2387.894
0.503	0.26	1.598		1.798	9	-1184.82	2387.894
			-0.1	1.815	10	-1183.79	2387.895
0.389	1.076	0.05		1.784	12	-1181.72	2387.897
		2.236		1.796	10	-1183.79	2387.901
	-0.805			1.762	9	-1184.82	2387.902
			0.438	1.712	12	-1181.73	2387.904
	0.126	1.992		1.796	10	-1183.79	2387.905
	1.405	1.152		1.796	9	-1184.82	2387.905
	2.433	0.925	0.577	1.753	13	-1180.69	2387.906
		1.994		1.79	10	-1183.79	2387.906
-1.56	2.121	-0.125		1.767	12	-1181.73	2387.908

-4.425	0.768		0.146	1.767	10	-1183.8	2387.913
	-0.239	1.959		1.795	10	-1183.8	2387.923
	0.934	3.001	0.7	1.758	11	-1182.77	2387.929
		1.253		1.79	9	-1184.84	2387.93
-2.202	3.724		0.351	1.749	11	-1182.77	2387.931
-0.958	-0.67		-0.041	1.762	11	-1182.77	2387.931
-0.706		0.171	0.093	1.735	12	-1181.74	2387.936
		1.87		1.801	10	-1183.81	2387.94
-2.053	-0.262	1.152		1.762	12	-1181.74	2387.943
		0.488		1.743	8	-1185.87	2387.946
	2.47	1.915	0.732	1.768	11	-1182.78	2387.952
		1.084		1.772	9	-1184.85	2387.953
-2.011	0.038	1.165		1.765	12	-1181.76	2387.974
0.082		1.15		1.775	9	-1184.86	2387.975
-1.658		2.048	0.65	1.756	12	-1181.76	2387.976
	0.25	2.157		1.792	10	-1183.83	2387.976
-4.368	0.33	0.796		1.761	12	-1181.76	2387.976
0.489		1.556		1.791	9	-1184.86	2387.977
	-0.48			1.77	8	-1185.89	2387.994
		1.642		1.827	9	-1184.87	2387.996
	-0.233		0.104	1.76	10	-1183.84	2388.007
	1.74		0.661	1.747	10	-1183.85	2388.015
-0.98		0.586		1.759	10	-1183.85	2388.015
	1.316	0.702		1.809	12	-1181.78	2388.017
1.368		2.538	0.799	1.756	12	-1181.78	2388.018
-1.011	0.209	2.71	0.86	1.765	12	-1181.78	2388.019
-1.398	-0.798	1.186	0.164	1.775	11	-1182.82	2388.024
		1.26	0.522	1.716	12	-1181.79	2388.028
	0.73	1.607		1.796	10	-1183.86	2388.034
-1.331	2.436	-0.297		1.77	12	-1181.79	2388.039
0.076		1.18		1.771	9	-1184.89	2388.043
				1.755	10	-1183.86	2388.048
-0.816			-0.151	1.876	9	-1184.89	2388.05
		2.158		1.777	10	-1183.87	2388.05
	-1.241			1.769	8	-1185.92	2388.053
		2		1.806	10	-1183.87	2388.062
0.319		1.325		1.778	9	-1184.9	2388.068
-2.342	2.382	0.611	0.385	1.757	12	-1181.81	2388.068
-2.339	3.128		0.259	1.74	11	-1182.84	2388.068
	0.5	2.132		1.799	10	-1183.88	2388.069
	1.795	1.112		1.795	9	-1184.9	2388.069
-0.488				1.765	8	-1185.94	2388.078
				1.827	6	-1187.98	2388.08
-4.759		0.471	-0.14	1.752	12	-1181.81	2388.081
-5.894	-1.471			1.734	12	-1181.81	2388.082
			0.33	1.78	8	-1185.94	2388.086
0		2.077		1.814	10	-1183.89	2388.089
				1.776	8	-1185.94	2388.095

-0.772			-0.002	1.755	11	-1182.86	2388.099
-0.804				1.863	9	-1184.92	2388.099
		1.682		1.794	10	-1183.89	2388.099
-1.639	2.896		0.424	1.745	12	-1181.83	2388.107
	0.367	1.897		1.805	10	-1183.9	2388.109
		1.504	0.553	1.723	12	-1181.83	2388.115
	-0.017	1.719		1.799	10	-1183.9	2388.118
	2.589	1.176		1.795	9	-1184.93	2388.118
	-0.543	1.608	0.188	1.777	10	-1183.9	2388.122
-3.22				1.74	9	-1184.94	2388.13
	-0.717			1.765	9	-1184.94	2388.136
-3.317	0.801	1.654	0.339	1.761	12	-1181.84	2388.139
-5.523			-0.216	1.771	12	-1181.84	2388.14
-0.1	2.147	1.051		1.794	9	-1184.94	2388.141
	1.235	1.361		1.797	10	-1183.92	2388.157
	6.945		0.899	1.757	11	-1182.89	2388.16
	1.122			1.782	9	-1184.95	2388.163
	1.205	1.796	0.591	1.786	10	-1183.93	2388.178
	0.085	1.703		1.801	10	-1183.93	2388.181
			0.18	1.747	11	-1182.9	2388.182
		1.658		1.797	10	-1183.94	2388.189
		0.703	0.263	1.752	12	-1181.87	2388.189
-0.225	0.572	0.897		1.787	12	-1181.87	2388.199
		1.246	0.25	1.758	10	-1183.94	2388.201
1.787		1.898	0.656	1.755	13	-1180.84	2388.204
	0.324	1.743		1.803	10	-1183.95	2388.209
	1.81			1.772	11	-1182.91	2388.209
	1.592			1.799	12	-1181.88	2388.21
	3.291	1.534	0.686	1.765	11	-1182.91	2388.21
-0.665	-0.766			1.755	7	-1187.03	2388.222
-1.977	2.08	0.416		1.773	11	-1182.93	2388.235
-2.281	2.572			1.767	11	-1182.93	2388.237
-0.366	-0.762	1.354		1.782	10	-1183.96	2388.241
				1.756	9	-1184.99	2388.242
-0.691	-1.406			1.771	10	-1183.97	2388.253
	7.354		1.217	1.759	12	-1181.9	2388.253
-5.082	-0.047		-0.252	1.751	12	-1181.9	2388.255
	1.98	3.32	1.231	1.763	12	-1181.9	2388.258
		0.735		1.756	8	-1186.03	2388.261
-0.841	-1.539		-0.132	1.776	10	-1183.97	2388.262
	0.284			1.807	12	-1181.9	2388.262
-0.048			0.01	1.797	10	-1183.98	2388.27
		3.331	0.962	1.776	11	-1182.95	2388.273
	2.855	1.722	0.661	1.765	11	-1182.95	2388.278
-3.269				1.728	10	-1183.99	2388.29
	-0.699			1.757	6	-1188.09	2388.292
		1.144	0.407	1.727	12	-1181.92	2388.302
	-0.484			1.775	8	-1186.05	2388.304

	1.149	3.21	1.13	1.757	12	-1181.93	2388.308
	3.697	0.661	0.699	1.752	13	-1180.89	2388.316
0.708		1.437	0.262	1.759	9	-1185.03	2388.317
		2.484	0.613	1.757	11	-1182.97	2388.318
0.747	0.535	1.687	0.508	1.768	12	-1181.93	2388.319
	-0.47			1.778	8	-1186.06	2388.329
	19.014	-4.658	2.205	1.747	13	-1180.9	2388.33
0.196		0.898		1.766	8	-1186.06	2388.331
-6.204	-2.213			1.737	11	-1182.98	2388.334
-0.509		0.342		1.743	8	-1186.06	2388.336
0.437		1.858	0.574	1.752	12	-1181.94	2388.339
-2.735	2.214		0.239	1.741	12	-1181.95	2388.351
		1.492		1.786	10	-1184.02	2388.352
-0.103		0.797	0.298	1.741	12	-1181.95	2388.357
	1.076	3.23	1.091	1.757	12	-1181.95	2388.361
		1.054	0.053	1.775	9	-1185.05	2388.362
0.573		1.992	0.319	1.79	10	-1184.02	2388.364
	0.656	0.343		1.809	12	-1181.96	2388.368
-1.681			-0.055	1.748	10	-1184.03	2388.374
		1.039		1.779	9	-1185.06	2388.377
	20.783	-3.649	2.971	1.741	14	-1179.88	2388.378
		0.774		1.787	8	-1186.09	2388.379
0.439		2.924	0.732	1.762	11	-1183	2388.384
			0.459	1.737	9	-1185.07	2388.391
-1.657				1.744	10	-1184.04	2388.393
0.204		1.515	0.482	1.75	12	-1181.97	2388.398
0.385			0.119	1.744	12	-1181.97	2388.401
-0.581		1.151	0.318	1.758	12	-1181.98	2388.411
-2.511	2.133			1.751	11	-1183.02	2388.418
		1.155	0.038	1.787	9	-1185.09	2388.43
-2.986	2.216		0.222	1.743	12	-1181.99	2388.437
	-0.024	1.13		1.788	9	-1185.09	2388.437
-2.508			-0.131	1.746	12	-1181.99	2388.44
-1.881	2.686			1.762	11	-1183.03	2388.44
	0.683	2.242	0.642	1.775	11	-1183.03	2388.441
0.344		0.285		1.761	12	-1181.99	2388.442
	-0.065	1.092	0.017	1.786	9	-1185.09	2388.444
	1.603	2.629	0.872	1.767	11	-1183.03	2388.451
	1.563			1.77	10	-1184.07	2388.455
				1.824	5	-1189.19	2388.456
-1.213	1.062	0.323		1.763	13	-1180.97	2388.46
-0.684	1.375		0.147	1.754	13	-1180.97	2388.468
		0.799	-0.031	1.778	8	-1186.13	2388.468
-0.502	1.841		0.23	1.754	13	-1180.97	2388.468
	-0.025	0.788		1.775	8	-1186.13	2388.472
-4.44		-0.583	-0.23	1.748	11	-1183.05	2388.477
-1	0.608			1.755	13	-1180.98	2388.483
0.633	0.215	1.498		1.796	9	-1185.12	2388.495

	2.804		0.413	1.754	13	-1180.98	2388.498
-1.897	2.576	0.203		1.775	11	-1183.06	2388.499
-1.191			-0.09	1.754	13	-1180.99	2388.507
0.169	3.53		0.532	1.754	13	-1181	2388.528
-2.222	1.207	0.395		1.776	12	-1182.04	2388.533
-1.673	2.549		0.244	1.745	12	-1182.04	2388.541
-0.416				1.845	10	-1184.11	2388.541
-3.276	-1.01			1.738	9	-1185.14	2388.547
	0.582	2.1	0.63	1.777	11	-1183.08	2388.552
-1.351				1.768	9	-1185.15	2388.565
		0.612		1.801	12	-1182.06	2388.565
-0.42			-0.022	1.851	10	-1184.13	2388.569
	0.862	2.508	0.602	1.772	11	-1183.1	2388.578
-3.875	-1.489	1.457	0.278	1.778	12	-1182.07	2388.587
-0.845				1.741	8	-1186.19	2388.59
	-0.283	2.561	0.564	1.768	11	-1183.1	2388.59
	0.606	0.705		1.809	12	-1182.07	2388.591
-1.898	-1.284		-0.109	1.765	11	-1183.1	2388.592
0.542		1.374		1.785	9	-1185.17	2388.595
			0.068	1.837	10	-1184.14	2388.598
-4.676	-1.833	0.807		1.782	12	-1182.08	2388.604
0.461		1.274		1.78	9	-1185.17	2388.605
				1.786	8	-1186.2	2388.614
		3.564	1.116	1.763	12	-1182.08	2388.614
-0.651	0.475			1.777	8	-1186.21	2388.619
-0.672	-0.598		-0.095	1.787	10	-1184.15	2388.622
-1.147	-0.936		-0.096	1.766	11	-1183.13	2388.636
-1.535	-1.156			1.758	11	-1183.13	2388.648
-0.511	1.204	0.613		1.786	12	-1182.1	2388.656
		1.751	0.454	1.781	10	-1184.17	2388.659
	-0.71			1.769	9	-1185.21	2388.672
-1.855	3.947	0.043		1.776	10	-1184.18	2388.674
		2.597	0.529	1.77	11	-1183.15	2388.677
-2.493	1.542			1.759	12	-1182.11	2388.678
		3.167	1.004	1.755	12	-1182.12	2388.686
-2.74	1.231	0.281		1.762	12	-1182.12	2388.689
-1.755		0.598	0.198	1.721	10	-1184.19	2388.695
-1.028			-0.081	1.856	10	-1184.19	2388.696
				1.826	8	-1186.25	2388.703
0.753	5.473	0.618	0.997	1.752	13	-1181.09	2388.707
0.605	3.501	1.691	0.681	1.774	10	-1184.19	2388.708
-0.849			-0.163	1.884	9	-1185.23	2388.712
	-0.907			1.756	7	-1187.28	2388.717
			0.167	1.748	10	-1184.2	2388.72
	0.915	2.46	0.525	1.77	11	-1183.17	2388.725
	0.438	2.474	0.478	1.77	11	-1183.17	2388.727
-0.225	0.988	0.13		1.773	13	-1181.1	2388.728
				1.776	9	-1185.24	2388.74

-4.885	9.919	-3.45	1.096	1.737	15	-1179.02	2388.743
-0.858				1.87	9	-1185.24	2388.744
-1.961		0.722		1.774	12	-1182.15	2388.747
		2.149	0.56	1.768	11	-1183.18	2388.751
-0.803	-0.762		-0.085	1.767	11	-1183.18	2388.752
			0.309	1.826	8	-1186.27	2388.753
				1.838	6	-1188.32	2388.753
	4.235	0.991	0.862	1.751	13	-1181.12	2388.76
				1.794	8	-1186.28	2388.76
				1.778	7	-1187.3	2388.761
	-0.958			1.76	9	-1185.25	2388.762
			0.51	1.741	9	-1185.25	2388.765
-1.171			-0.103	1.86	10	-1184.23	2388.78
-3.466		1.293	0.348	1.78	12	-1182.17	2388.789
	-0.61			1.774	7	-1187.32	2388.795
-1.268	1.549	0.355		1.777	12	-1182.17	2388.797
-0.719			-0.098	1.764	8	-1186.3	2388.799
-0.652				1.766	8	-1186.3	2388.801
				1.85	6	-1188.35	2388.816
		2.064	0.485	1.757	11	-1183.22	2388.819
		2.509	0.442	1.767	11	-1183.22	2388.826
-0.65				1.763	8	-1186.31	2388.827
		0.078		1.749	12	-1182.19	2388.828
	-0.648		0.377	1.747	9	-1185.29	2388.832
0.857	0.681	2.07	0.476	1.785	10	-1184.26	2388.834
		1.999	0.534	1.767	11	-1183.23	2388.835
-0.067	3.48	1.483	0.869	1.751	13	-1181.16	2388.841
-0.657				1.76	8	-1186.32	2388.842
	1.649			1.77	10	-1184.27	2388.849
	1.2		0.404	1.751	11	-1183.23	2388.849
			0.026	1.755	11	-1183.24	2388.863
-1.752	4.613		0.361	1.753	11	-1183.24	2388.866
	-1.203			1.77	9	-1185.3	2388.867
-1.479	-1.795			1.752	9	-1185.31	2388.885
			0.252	1.746	7	-1187.36	2388.885
		1.911		1.807	10	-1184.29	2388.891
		0.818		1.77	9	-1185.32	2388.893
	-0.673		0.151	1.769	9	-1185.32	2388.894
-0.123	3.159	1.613	0.849	1.752	13	-1181.18	2388.897
-0.688	0.99		0.313	1.754	12	-1182.22	2388.899
-0.745			-0.126	1.871	9	-1185.32	2388.904
-1.792	1.444			1.766	12	-1182.23	2388.905
	-0.089	1.854		1.805	10	-1184.29	2388.907
		1.168	-0.092	1.831	9	-1185.33	2388.917
	-0.7	1.521		1.788	10	-1184.3	2388.918
				1.773	7	-1187.38	2388.923
0.816	6.38		1.006	1.751	13	-1181.2	2388.924
				1.753	10	-1184.31	2388.934

			0.254	1.739	10	-1184.31	2388.939
	-0.929			1.761	10	-1184.31	2388.944
1.259	6.825		1.127	1.744	13	-1181.21	2388.945
	2.391	2.493	1.047	1.757	13	-1181.21	2388.945
				1.774	7	-1187.39	2388.949
		0.891	0.04	1.769	9	-1185.35	2388.954
	-0.545		0.105	1.764	11	-1183.29	2388.959
-5.519	-1.744		-0.195	1.777	12	-1182.25	2388.963
				1.859	8	-1186.38	2388.968
	0.541			1.776	7	-1187.41	2388.971
-0.496	-5.448	3.441		1.754	14	-1180.18	2388.973
	-0.447	0.603		1.752	7	-1187.41	2388.98
-1.302		1.038		1.768	11	-1183.3	2388.986
	-0.709			1.775	9	-1185.37	2389.001
	0.679	1.673		1.805	10	-1184.35	2389.012
				1.836	8	-1186.41	2389.021
-1.16	-0.44	1.085		1.785	12	-1182.28	2389.023
	-0.563		0.425	1.748	9	-1185.38	2389.023
-2.939	-1.008		-0.299	1.753	12	-1182.29	2389.024
	-5.088	3.556	0.106	1.756	14	-1180.21	2389.03
0.948	2.544	2.905	1.193	1.758	13	-1181.25	2389.03
	1.466	2.244	0.705	1.778	11	-1183.32	2389.03
-3.228				1.727	11	-1183.32	2389.033
			0.232	1.838	8	-1186.41	2389.034
				1.847	6	-1188.47	2389.061
-9.759	-7.325	0.731	-0.919	1.756	14	-1180.23	2389.064
			0.299	1.75	11	-1183.34	2389.066
-5.21			-0.03	1.758	11	-1183.34	2389.067
	-0.616			1.773	7	-1187.46	2389.072
				1.77	7	-1187.46	2389.072
0.875	2.811	2.64	1.134	1.757	13	-1181.28	2389.086
-1.111		0.93	0.119	1.755	11	-1183.35	2389.091
-5.493	-2.257		-0.131	1.761	11	-1183.36	2389.102
-4.413	-1.298		-0.61	1.754	11	-1183.36	2389.107
		0.604	0.22	1.722	8	-1186.45	2389.113
-3.449			-0.176	1.745	11	-1183.37	2389.114
				1.824	8	-1186.45	2389.115
	-0.463			1.772	7	-1187.48	2389.117
-0.406	0.984	0.717		1.784	12	-1182.33	2389.12
	-0.252	1.524		1.799	12	-1182.33	2389.121
-9.033	-6.069		-0.742	1.756	12	-1182.34	2389.127
	3.453	1.205	0.508	1.775	10	-1184.41	2389.132
-1.688		2.396	0.37	1.758	12	-1182.34	2389.136
0.268	-3.128	3.409	0.395	1.747	14	-1180.28	2389.17
0.931	1.393	3.147	1.149	1.761	13	-1181.32	2389.173
0.734		1.928	0.38	1.778	10	-1184.43	2389.177
	-0.155	0.923	-0.025	1.784	9	-1185.46	2389.179
	-0.172	0.911		1.782	9	-1185.46	2389.183

-2.583	-1.85	2.381		1.761	12	-1182.37	2389.196
-1.986		0.489	0.004	1.736	13	-1181.33	2389.2
	1.942	0.309		1.791	12	-1182.37	2389.2
-3.86			-0.428	1.757	11	-1183.41	2389.203
-1.167	5.201	0.666	0.643	1.753	11	-1183.41	2389.21
-2.338	3.946	-0.574		1.762	11	-1183.41	2389.21
-2.844			0.03	1.75	12	-1182.38	2389.214
	-0.407		-0.036	1.766	11	-1183.42	2389.22
	2.48		0.409	1.75	11	-1183.42	2389.224
-0.707	2.532		0.24	1.757	12	-1182.39	2389.225
-3.357	-1.221			1.728	10	-1184.46	2389.233
-0.618	-0.62			1.771	8	-1186.51	2389.233
-3.095	-1.909		-0.19	1.767	11	-1183.43	2389.237
-1.523			0.088	1.735	12	-1182.4	2389.245
			0.272	1.832	8	-1186.52	2389.247
				1.811	8	-1186.52	2389.247
-0.537				1.841	6	-1188.56	2389.249
				1.854	8	-1186.52	2389.254
			0.32	1.741	10	-1184.47	2389.263
0.506		1.929		1.812	10	-1184.47	2389.263
	-0.228	1.564		1.796	12	-1182.41	2389.268
-2.639	-1.407	2.067	-0.009	1.758	12	-1182.41	2389.268
-2.617	-1.382	2.075		1.758	12	-1182.41	2389.269
		1.02	-0.033	1.798	9	-1185.51	2389.27
		2.417	0.415	1.738	11	-1183.44	2389.271
	-0.553			1.772	7	-1187.56	2389.276
			0.178	1.839	8	-1186.53	2389.277
	2.09			1.772	11	-1183.45	2389.284
-2.384	-0.332	1.787	0.098	1.758	12	-1182.42	2389.286
1.056	0.462	2.075	0.411	1.783	10	-1184.49	2389.29
-2.29		1.719	0.134	1.758	12	-1182.42	2389.296
	-0.024		0.392	1.752	11	-1183.46	2389.303
	2.868	1.145	0.406	1.779	10	-1184.49	2389.305
		3.946	0.973	1.769	12	-1182.43	2389.306
	2.123	1.168	0.313	1.783	10	-1184.5	2389.314
	0.26			1.778	8	-1186.55	2389.316
-1.608		2.643	0.38	1.763	12	-1182.43	2389.318
			0.107	1.834	8	-1186.56	2389.321
	2.372	1.112	0.325	1.782	10	-1184.5	2389.322
-1.796	0.494			1.789	9	-1185.53	2389.326
	0.626	1.025		1.789	12	-1182.44	2389.328
-5.208	0.277		-0.033	1.758	11	-1183.47	2389.329
		1.224	0.3	1.738	10	-1184.51	2389.33
	3.656	2.16	0.982	1.758	12	-1182.44	2389.337
		2.623	0.897	1.744	12	-1182.45	2389.348
0.527		2.228	0.568	1.748	14	-1180.37	2389.349
	2.801	2.539	0.945	1.759	12	-1182.45	2389.352
-2.389	-0.431	1.587		1.754	12	-1182.45	2389.357

	3.418			1.798	10	-1184.52	2389.36
				1.763	8	-1186.58	2389.362
			0.054	1.764	8	-1186.58	2389.365
				1.766	8	-1186.59	2389.378
				1.769	8	-1186.59	2389.38
				1.764	9	-1185.56	2389.382
				1.767	8	-1186.59	2389.382
-2.554		1.547		1.765	12	-1182.46	2389.383
-3.215	0.953	0.738	0.243	1.766	12	-1182.47	2389.394
		1.754	0.461	1.754	11	-1183.51	2389.399
-0.508				1.855	7	-1187.62	2389.4
-3.283	-1.751			1.732	10	-1184.54	2389.401
-0.567	-0.685			1.769	8	-1186.61	2389.419
0.923		1.849	0.311	1.789	10	-1184.55	2389.421
-1.89	0.258	2.235	0.291	1.759	12	-1182.49	2389.428
-1.784				1.784	9	-1185.58	2389.43
	-0.871		0.082	1.758	10	-1184.56	2389.44
-0.642			-0.063	1.812	10	-1184.56	2389.442
-3.973		1.62	0.257	1.772	13	-1181.46	2389.447
				1.789	9	-1185.59	2389.448
		0.838		1.796	7	-1187.65	2389.454
-0.339	0.682	1.281		1.804	10	-1184.57	2389.46
			0.18	1.79	9	-1185.6	2389.461
0.16	-0.632	1.28		1.786	10	-1184.57	2389.466
-1.786	2.118	1.848	0.797	1.757	13	-1181.47	2389.469
-0.179		0.77		1.795	7	-1187.66	2389.481
	-0.802	1.148	0.045	1.779	10	-1184.58	2389.485
-0.375		1.323		1.801	10	-1184.59	2389.495
	-1.928	3.058		1.794	11	-1183.56	2389.502
	0.124			1.77	11	-1183.56	2389.512
	0.585	1.437		1.803	10	-1184.6	2389.517
	-0.56		0.389	1.754	9	-1185.63	2389.519
	0.522	1.47		1.804	10	-1184.6	2389.52
	0.647	3.341	0.823	1.762	12	-1182.53	2389.52
-1.421	3.196	0.826	0.454	1.756	12	-1182.54	2389.528
-0.516	-0.685			1.768	8	-1186.67	2389.55
		0.878	-0.009	1.788	7	-1187.7	2389.563
0.914		1.898	0.333	1.774	10	-1184.62	2389.563
-0.498	0.544	2.251	0.613	1.756	13	-1181.52	2389.563
1.717		1.684	0.613	1.745	13	-1181.52	2389.564
		1.533		1.801	10	-1184.62	2389.564
1.238		2.885	0.786	1.765	11	-1183.59	2389.565
			0.464	1.755	9	-1185.65	2389.566
-0.696				1.739	9	-1185.66	2389.579
-1.3	3.689	0.696	0.503	1.756	12	-1182.56	2389.582
-0.321		0.334		1.749	9	-1185.66	2389.587
	-1.067		0.293	1.758	9	-1185.67	2389.593
	-2.123			1.77	9	-1185.67	2389.595

		3.493	0.775	1.761	12	-1182.57	2389.602
	0.186			1.768	9	-1185.68	2389.61
1.296	2.089	1.951	0.884	1.749	14	-1180.5	2389.613
-0.494	-0.881			1.755	8	-1186.7	2389.615
	3.1		0.5	1.744	11	-1183.62	2389.623
-0.697	2.367	1.096	0.541	1.758	13	-1181.55	2389.631
-1.391			0.055	1.763	9	-1185.69	2389.632
1.265	2.813	2.102	1.032	1.754	14	-1180.51	2389.639
		0.822	0.617	1.718	13	-1181.56	2389.643
-0.56	-0.707	1.68		1.786	11	-1183.64	2389.662
	2.425	1.002		1.794	10	-1184.67	2389.664
-0.26		2.165	0.667	1.748	13	-1181.57	2389.667
-0.396	2.22	-0.405		1.767	13	-1181.57	2389.676
	2.621		0.708	1.738	10	-1184.68	2389.685
0.225	0.753	1.469		1.801	10	-1184.68	2389.686
-1.162		1.817	0.385	1.75	13	-1181.58	2389.691
-0.304				1.836	7	-1187.77	2389.694
0.278	0.442	1.568		1.801	10	-1184.69	2389.701
	-0.578		0.34	1.76	9	-1185.72	2389.709
		0.581		1.755	9	-1185.73	2389.716
-0.939	-1.641			1.758	9	-1185.73	2389.725
-3.932	-1.001		-0.401	1.754	10	-1184.7	2389.728
	4.673	1.382	0.776	1.762	11	-1183.68	2389.737
	-0.344	3.775	0.753	1.765	12	-1182.64	2389.741
-2.183			-0.102	1.748	11	-1183.68	2389.749
	2.939		0.439	1.749	11	-1183.69	2389.755
	-0.813		0.182	1.752	10	-1184.72	2389.757
	0.285	1.351	0.163	1.788	10	-1184.72	2389.757
0.32		1.646		1.798	10	-1184.72	2389.762
0.261		1.289	0.252	1.752	10	-1184.72	2389.764
		2.267		1.801	11	-1183.69	2389.764
0.365		1.372	0.272	1.751	10	-1184.72	2389.768
	1.161	1.147		1.797	10	-1184.73	2389.77
0.385			-0.053	1.794	11	-1183.7	2389.781
		1.098	0.209	1.753	10	-1184.73	2389.786
0.555		1.507	0.289	1.753	10	-1184.73	2389.786
	-0.942			1.76	10	-1184.74	2389.789
	0.648			1.771	10	-1184.74	2389.79
2.095	4.012	2.264	1.329	1.755	14	-1180.59	2389.791
	1.305	3.04	0.84	1.76	12	-1182.67	2389.792
	0.095	2.124		1.798	11	-1183.71	2389.798
		2.125		1.794	11	-1183.71	2389.799
-3.58			-0.265	1.757	10	-1184.74	2389.805
0.316	1.036	1.445		1.799	10	-1184.75	2389.825
1.526	1.677	3.321	1.038	1.779	11	-1183.73	2389.844
		2.459		1.8	11	-1183.73	2389.844
-1.358	5.086		0.571	1.752	12	-1182.7	2389.857
	1.598	1.032		1.795	10	-1184.77	2389.866

-1.922	1.158	0.425		1.763	13	-1181.67	2389.868
	-0.729		0.233	1.752	10	-1184.78	2389.871
		1.289	0.137	1.782	10	-1184.78	2389.871
		1.976		1.8	11	-1183.75	2389.891
	-0.007	1.979		1.8	11	-1183.75	2389.891
-0.031	1.889	0.956		1.794	10	-1184.79	2389.902
	-0.63	2.337		1.792	11	-1183.76	2389.903
	7.781		1.083	1.752	12	-1182.73	2389.905
	1.931	0.979		1.795	10	-1184.79	2389.905
	-0.898	2.448		1.793	11	-1183.76	2389.908
	-0.783			1.771	8	-1186.85	2389.909
0.521	0.339	1.682		1.799	10	-1184.8	2389.92
		1.755	0.158	1.822	10	-1184.8	2389.927
	0.304	1.871		1.797	11	-1183.77	2389.928
	2.635		0.275	1.756	12	-1182.74	2389.93
				1.839	7	-1187.89	2389.935
-0.904		0.815		1.766	11	-1183.78	2389.938
		2.122		1.795	11	-1183.78	2389.944
-2.1	3.718		0.327	1.751	12	-1182.75	2389.947
	0.104	2.034		1.794	11	-1183.79	2389.959
-1.003	2.166			1.777	9	-1185.85	2389.961
				1.813	7	-1187.9	2389.968
	1.54	2.09	0.747	1.784	11	-1183.79	2389.969
-0.563			-0.173	1.777	9	-1185.86	2389.971
			0.402	1.767	9	-1185.86	2389.983
		0.488	0.049	1.74	9	-1185.86	2389.984
-2.286	3.366		0.259	1.751	12	-1182.77	2389.989
-0.228		0.92		1.77	10	-1184.84	2389.99
-0.535	-0.63			1.763	8	-1186.89	2389.991
-0.795	-0.718		-0.247	1.766	8	-1186.89	2389.994
	0.295	2.258		1.793	11	-1183.81	2389.996
	2.442	1.962	0.762	1.769	12	-1182.77	2389.998
1.203	0.411	1.945	0.386	1.783	10	-1184.84	2390.001
	0.055	1.889		1.803	11	-1183.81	2390.001
0.55		1.694		1.794	10	-1184.84	2390.002
		1.891		1.802	11	-1183.81	2390.003
			0.264	1.742	10	-1184.85	2390.009
-3.012	1.296			1.743	11	-1183.81	2390.011
				1.812	7	-1187.93	2390.011
	-0.799			1.77	8	-1186.9	2390.015
	2.484	1.906	0.73	1.768	12	-1182.78	2390.022
-0.49	0.318			1.779	9	-1185.88	2390.023
-0.768		0.727	0.109	1.754	11	-1183.82	2390.027
	-0.783			1.769	9	-1185.88	2390.029
				1.77	8	-1186.91	2390.032
	-1.592			1.769	9	-1185.89	2390.034
	-0.687			1.769	8	-1186.92	2390.04
-4.201	0.408	0.922	0.062	1.76	13	-1181.76	2390.047

-0.527				1.755	9	-1185.89	2390.049
	-0.698	0.414		1.754	8	-1186.92	2390.057
	-0.758			1.77	8	-1186.93	2390.061
			0.093	1.748	11	-1183.84	2390.064
				1.766	8	-1186.93	2390.066
0.343		0.924		1.774	9	-1185.91	2390.071
-0.849			-0.126	1.87	10	-1184.88	2390.075
	0.625	1.639		1.798	11	-1183.85	2390.091
	1.153			1.763	10	-1184.89	2390.092
0.178	1.613	1.245		1.797	10	-1184.89	2390.095
-0.499				1.759	9	-1185.92	2390.096
-0.545	-0.656	0.236		1.753	8	-1186.95	2390.107
			-0.046	1.827	7	-1187.97	2390.107
				1.825	7	-1187.97	2390.107
-3.116	0.68			1.747	10	-1184.9	2390.109
	-0.253	2.047		1.805	11	-1183.87	2390.117
	2.097	1.713	0.649	1.783	11	-1183.87	2390.118
-0.488				1.762	9	-1185.93	2390.121
				1.793	9	-1185.93	2390.123
	1.05	1.492		1.798	11	-1183.88	2390.134
-0.436				1.858	7	-1187.99	2390.145
	5.417	0.669	0.811	1.76	12	-1182.85	2390.146
-0.764	-1.519		-0.172	1.78	11	-1183.88	2390.15
-2.76	2.189			1.756	12	-1182.85	2390.157
	0.785	1.536		1.8	11	-1183.89	2390.163
0.542	0.405	1.251		1.786	9	-1185.95	2390.167
2.029	1.51	3.588	1.039	1.777	11	-1183.89	2390.173
	2.39	-0.535		1.812	13	-1181.83	2390.185
-0.021	-0.558	1.594	0.182	1.777	11	-1183.9	2390.187
-0.826	1.942			1.778	9	-1185.96	2390.19
-4.124	-1.865		-0.47	1.752	11	-1183.91	2390.21
-0.366				1.857	7	-1188.03	2390.23
1.564		3.432	0.909	1.777	11	-1183.93	2390.236
-0.03	1.209	1.779	0.588	1.786	11	-1183.93	2390.242
				1.831	6	-1189.06	2390.25
				1.763	8	-1187.03	2390.259
	-0.728		0.121	1.752	7	-1188.05	2390.264
			0.304	1.753	10	-1184.97	2390.265
-2.068	2.317	0.241		1.771	12	-1182.91	2390.275
	1.921	3.4	1.28	1.764	13	-1181.87	2390.278
		0.722	0.07	1.751	9	-1186.01	2390.288
	1.254	3.401	1.286	1.767	13	-1181.88	2390.29
0.961		1.677	0.299	1.771	10	-1184.99	2390.292
-1.722	0.47			1.792	10	-1184.99	2390.294
-0.154		0.619		1.753	9	-1186.02	2390.301
	0.621	3.231	0.986	1.777	12	-1182.92	2390.302
	1.948			1.767	11	-1183.96	2390.304
-1.755	-1.846		-0.334	1.77	10	-1184.99	2390.308

-0.901	2.839			1.78	10	-1185	2390.309
	1.906	3.362	1.238	1.763	13	-1181.9	2390.33
0.297		0.949	0.111	1.758	9	-1186.04	2390.334
	-0.188	0.674		1.774	9	-1186.04	2390.338
				1.756	9	-1186.04	2390.344
		2.183	0.631	1.782	11	-1183.99	2390.359
		0.764	-0.103	1.792	9	-1186.05	2390.368
-0.712	1.71			1.777	9	-1186.05	2390.369
0.704		1.444	0.274	1.757	10	-1185.03	2390.37
0.847	0.407	3.348	0.894	1.768	12	-1182.96	2390.374
-2.668	2.424		0.259	1.751	13	-1181.93	2390.383
-0.52		0.338	-0.018	1.744	9	-1186.06	2390.387
-0.074		2.415	0.592	1.757	12	-1182.97	2390.388
		1.042	0.049	1.775	10	-1185.05	2390.42
-1.668			-0.058	1.748	11	-1184.03	2390.437
	-0.621			1.774	8	-1187.12	2390.442
	2.442		0.581	1.744	11	-1184.03	2390.45
	-0.724		0.217	1.757	10	-1185.07	2390.454
			0.481	1.798	9	-1186.1	2390.459
	2.392			1.779	9	-1186.1	2390.47
-2.066	2.873	-0.046		1.771	12	-1183.01	2390.475
			-0.055	1.824	6	-1189.18	2390.477
	-0.021	1.139	0.037	1.786	10	-1185.08	2390.487
0.799	2.358	1.956	0.629	1.78	11	-1184.05	2390.49
-1.627				1.782	10	-1185.09	2390.5
	0.604	2.183	0.579	1.764	12	-1183.03	2390.506
				1.796	8	-1187.15	2390.51
	-0.013	0.793	-0.028	1.777	9	-1186.13	2390.52
0.655	0.275	1.561		1.797	10	-1185.11	2390.535
	1.522		0.701	1.742	10	-1185.11	2390.541
	0.678		0.298	1.766	8	-1187.17	2390.554
-3.699			-0.311	1.749	12	-1183.06	2390.567
	-0.734			1.771	8	-1187.18	2390.568
-0.642	1.305		0.134	1.748	14	-1180.98	2390.573
2.076	7.132	1.574	1.618	1.752	14	-1180.99	2390.592
-0.893			-0.095	1.746	9	-1186.17	2390.6
-0.764			-0.411	1.852	7	-1188.22	2390.602
-0.403			0.007	1.845	11	-1184.11	2390.605
	-0.801	1.681	0.267	1.774	11	-1184.11	2390.607
				1.852	7	-1188.22	2390.607
			0.179	1.825	9	-1186.17	2390.609
			0.195	1.766	8	-1187.2	2390.609
0.84	2.68	1.912	0.638	1.778	11	-1184.11	2390.611
-1.354			-0.019	1.77	10	-1185.15	2390.621
-4.217	-1.527	1.14	0.17	1.778	13	-1182.05	2390.628
				1.824	7	-1188.24	2390.633
-1.67	-1.195		-0.115	1.766	12	-1183.09	2390.638
				1.85	7	-1188.24	2390.639

-2.116	1.165	0.356		1.764	13	-1182.06	2390.64
	0.878	2.505	0.603	1.772	12	-1183.1	2390.649
0.545		1.38		1.785	10	-1185.17	2390.654
	-0.868		0.21	1.751	10	-1185.17	2390.654
-0.678	0.45		-0.05	1.779	9	-1186.2	2390.66
2.073		3.573	0.872	1.774	11	-1184.15	2390.68
		3.582	1.113	1.763	13	-1182.08	2390.69
	-0.83			1.774	8	-1187.24	2390.691
		2.424	0.535	1.769	12	-1183.12	2390.692
-0.908			-0.132	1.877	10	-1185.2	2390.711
				1.78	8	-1187.25	2390.713
-0.088		1.704	0.447	1.781	11	-1184.17	2390.719
	-0.545			1.77	10	-1185.2	2390.723
	-0.897		-0.087	1.76	8	-1187.26	2390.724
0.751	3.175	1.789	0.669	1.776	11	-1184.18	2390.739
			0.221	1.761	8	-1187.27	2390.739
-0.663	2.637			1.782	10	-1185.22	2390.756
0.632	3.658	1.758	0.725	1.773	11	-1184.19	2390.76
	3.069		0.354	1.752	12	-1183.16	2390.765
				1.843	7	-1188.3	2390.767
			0.045	1.838	7	-1188.31	2390.783
			0.195	1.759	8	-1187.29	2390.786
	-0.213			1.776	8	-1187.29	2390.796
	-0.631		0.085	1.77	8	-1187.3	2390.8
-0.702			-0.097	1.772	9	-1186.27	2390.807
			0.242	1.758	8	-1187.3	2390.812
			-0.07	1.85	7	-1188.33	2390.828
	-1.134		0.127	1.765	10	-1185.26	2390.829
-0.7			-0.099	1.769	9	-1186.29	2390.832
				1.854	7	-1188.34	2390.833
	-0.85			1.768	8	-1187.31	2390.833
-0.707			-0.098	1.766	9	-1186.29	2390.848
-0.49	-0.726			1.77	9	-1186.3	2390.859
			0.166	1.742	11	-1184.24	2390.868
	-1.496			1.771	10	-1185.28	2390.875
	-0.735		0.176	1.764	10	-1185.28	2390.876
	1.676		0.435	1.75	12	-1183.22	2390.896
-1.725	4.622	0.025	0.368	1.754	12	-1183.24	2390.936
-1.519	-1.812			1.752	10	-1185.31	2390.938
	-0.381	2		1.806	11	-1184.28	2390.939
	1.556			1.779	9	-1186.34	2390.945
	0.235			1.776	8	-1187.37	2390.947
			0.128	1.852	9	-1186.34	2390.949
		0.817	0.015	1.769	10	-1185.32	2390.95
				1.77	8	-1187.37	2390.952
				1.774	8	-1187.38	2390.964
0.092	-0.618	1.587		1.79	11	-1184.29	2390.972
-1.594	-9.152	3.784	-0.576	1.756	15	-1180.14	2390.978

				1.862	9	-1186.36	2390.987
	0.19			1.776	8	-1187.39	2390.989
	0.949			1.776	8	-1187.39	2390.989
			0.136	1.837	9	-1186.36	2390.989
	-0.468	0.593	0.068	1.75	8	-1187.4	2391.005
	-0.928		0.016	1.76	11	-1184.31	2391.007
-4.446	-1.57		-0.604	1.753	12	-1183.28	2391.019
0.049	2.398	2.521	1.056	1.757	14	-1181.21	2391.027
	-0.645		0.121	1.767	8	-1187.41	2391.035
-0.447	-0.786			1.768	9	-1186.39	2391.043
				1.853	7	-1188.44	2391.043
-3.349	-1.568			1.728	11	-1184.33	2391.043
	2.862			1.774	10	-1185.38	2391.071
			0.14	1.822	9	-1186.41	2391.071
-0.663			-0.277	1.862	8	-1187.43	2391.076
-0.5	2.478			1.78	10	-1185.38	2391.082
2.327	1.426	3.381	0.992	1.779	11	-1184.35	2391.086
	-0.553			1.773	8	-1187.44	2391.093
			-0.033	1.847	7	-1188.47	2391.095
				1.765	9	-1186.42	2391.098
				1.762	9	-1186.42	2391.107
			0.263	1.769	10	-1185.4	2391.122
	3.383	1.111	0.467	1.775	11	-1184.37	2391.122
-0.711	-0.593		-0.173	1.779	9	-1186.44	2391.136
	-0.483		0.07	1.769	8	-1187.46	2391.137
-0.636	-0.836		-0.331	1.773	9	-1186.44	2391.137
	-0.474			1.773	8	-1187.47	2391.152
-0.405	-0.789			1.767	9	-1186.45	2391.168
	-0.587		0.167	1.766	8	-1187.48	2391.169
				1.759	9	-1186.45	2391.17
-4.314	-1.057		-0.576	1.754	12	-1183.36	2391.172
-1.705	-0.013	2.382	0.364	1.758	13	-1182.34	2391.212
-1.698		2.384	0.367	1.758	13	-1182.34	2391.213
-2.113	-1.454	2.679	0.19	1.759	13	-1182.35	2391.225
	-0.171	0.907	-0.032	1.784	10	-1185.46	2391.235
			0.113	1.85	9	-1186.49	2391.238
-1.789	0.559		0.172	1.773	10	-1185.47	2391.252
				1.772	10	-1185.47	2391.253
	0.776			1.778	9	-1186.5	2391.264
-0.674	-0.65		-0.193	1.778	9	-1186.51	2391.286
-0.534				1.841	7	-1188.56	2391.289
	0.545			1.777	9	-1186.51	2391.289
-0.74	3.001	1.822	0.749	1.757	13	-1182.39	2391.308
	2.576		0.515	1.742	11	-1184.46	2391.312
-2.378	-1.619	2.186		1.753	13	-1182.39	2391.314
-1.14	-1.666		-0.291	1.773	10	-1185.5	2391.319
	0.318		0.088	1.774	9	-1186.53	2391.325
	2.902	1.064	0.385	1.779	11	-1184.47	2391.331

	-0.652	4.09	0.943	1.768	13	-1182.41	2391.344
-2.695	-1.651	2.135	-0.033	1.759	13	-1182.41	2391.345
			0.127	1.754	10	-1185.52	2391.348
-1.705	0.942			1.789	10	-1185.52	2391.349
-0.537	3.732	1.66	0.833	1.756	13	-1182.41	2391.355
	3.434			1.798	11	-1184.49	2391.363
0.552	-0.396	1.565	0.216	1.78	11	-1184.49	2391.371
	2.143	1.151	0.309	1.783	11	-1184.5	2391.377
	3.334			1.802	11	-1184.5	2391.382
				1.763	9	-1186.56	2391.388
			0.049	1.76	9	-1186.57	2391.4
				1.77	9	-1186.57	2391.405
-0.478			-0.271	1.844	8	-1187.6	2391.409
-0.403		0.604	-0.233	1.811	8	-1187.6	2391.411
			0.054	1.762	9	-1186.58	2391.414
	3.613	2.179	0.98	1.758	13	-1182.44	2391.414
			0.058	1.763	9	-1186.58	2391.415
			0.053	1.765	9	-1186.58	2391.416
-0.627	-0.651		-0.194	1.777	9	-1186.58	2391.418
				1.766	9	-1186.58	2391.426
-0.577				1.861	8	-1187.61	2391.428
-1.816			0.115	1.778	10	-1185.56	2391.429
				1.763	10	-1185.56	2391.432
-0.52				1.853	8	-1187.62	2391.443
0.333		2.057	0.555	1.755	12	-1183.5	2391.445
-0.393	-0.756			1.763	9	-1186.59	2391.447
-0.776			-0.182	1.751	10	-1185.57	2391.464
		0.819	-0.091	1.8	8	-1187.63	2391.465
-0.116		0.779		1.799	8	-1187.63	2391.47
-0.526	0.648	1.096		1.803	11	-1184.54	2391.471
	-1.326			1.77	9	-1186.61	2391.479
	-3.198	3.717		1.792	12	-1183.52	2391.494
				1.82	9	-1186.62	2391.498
-0.361	0.492	1.297		1.804	11	-1184.57	2391.517
				1.816	8	-1187.67	2391.538
	-1.663		0.176	1.763	10	-1185.61	2391.548
-0.435		1.25		1.8	11	-1184.58	2391.552
1.489	0.355	3.01	0.833	1.764	12	-1183.55	2391.558
-1.574				1.866	8	-1187.68	2391.561
-0.409	-0.798	0.175		1.754	9	-1186.66	2391.57
	-0.537		0.393	1.754	10	-1185.63	2391.577
	0.595	1.435		1.803	11	-1184.6	2391.582
-0.378		0.306	-0.099	1.757	10	-1185.64	2391.599
	1.88			1.777	9	-1186.67	2391.602
-0.53		0.156		1.742	10	-1185.65	2391.618
	1.729			1.784	9	-1186.68	2391.618
	3.037		0.435	1.746	12	-1183.58	2391.62
	-1.584	2.712		1.783	12	-1183.59	2391.63

-0.299				1.822	8	-1187.72	2391.653
				1.823	8	-1187.73	2391.661
-0.627			-0.331	1.867	8	-1187.74	2391.683
			0.318	1.771	10	-1185.68	2391.684
-0.263				1.841	8	-1187.75	2391.708
-0.276				1.829	8	-1187.75	2391.716
0.218	0.785	1.45		1.801	11	-1184.68	2391.75
		0.581	0	1.755	10	-1185.73	2391.774
				1.799	8	-1187.78	2391.774
-0.971	-1.663			1.758	10	-1185.73	2391.777
-0.564			-0.329	1.865	8	-1187.79	2391.78
	-0.888		0.128	1.754	11	-1184.7	2391.784
-3.939	-1.02		-0.404	1.754	11	-1184.7	2391.792
0.956	1.727	2.921	0.976	1.781	12	-1183.68	2391.81
0.281		1.303	0.255	1.752	11	-1184.72	2391.828
		2.284		1.8	12	-1183.69	2391.832
-0.662	-0.607		-0.21	1.772	9	-1186.79	2391.842
	0.079	2.154		1.797	12	-1183.7	2391.863
	-0.767			1.771	9	-1186.8	2391.865
	1.745			1.772	9	-1186.81	2391.87
-2.417				1.808	9	-1186.81	2391.87
			-0.143	1.845	8	-1187.83	2391.871
-0.993	2.725		0.2	1.769	10	-1185.78	2391.876
0.242	1.211	1.322		1.798	11	-1184.75	2391.878
1.478	1.914	3.233	1.034	1.779	12	-1183.73	2391.906
-0.939	6.002		0.749	1.751	13	-1182.69	2391.908
1.113	0.719	1.679	0.332	1.779	10	-1185.8	2391.91
1.979		2.84	0.685	1.771	11	-1184.77	2391.915
	-0.872			1.77	9	-1186.84	2391.931
	-0.812			1.77	9	-1186.84	2391.932
				1.8	9	-1186.84	2391.933
-0.608			-0.182	1.767	10	-1185.81	2391.934
	-0.776		-0.064	1.774	9	-1186.84	2391.938
-0.191	2.159	0.801		1.792	11	-1184.78	2391.947
				1.756	9	-1186.85	2391.954
	0.015	1.973		1.8	12	-1183.75	2391.961
				1.837	8	-1187.88	2391.963
	-0.967	2.518		1.791	12	-1183.76	2391.964
-0.693	-0.648	0.165	-0.214	1.763	9	-1186.86	2391.971
-0.552	0.23		-0.145	1.785	10	-1185.83	2391.977
-0.576			-0.178	1.771	10	-1185.84	2391.989
	2.658			1.78	10	-1185.84	2391.993
			-0.057	1.813	8	-1187.89	2391.995
				1.817	8	-1187.9	2392.004
-0.564			-0.177	1.773	10	-1185.85	2392.014
	1.837	2.025	0.751	1.784	12	-1183.79	2392.027
				1.81	8	-1187.91	2392.034
-1.433	1.744			1.792	11	-1184.83	2392.04

	-0.676		-0.093	1.774	9	-1186.89	2392.043
	-1.311			1.767	9	-1186.9	2392.05
	-0.75			1.77	9	-1186.9	2392.051
			-0.033	1.813	8	-1187.92	2392.051
	-0.846			1.769	9	-1186.9	2392.052
	-0.795		-0.047	1.772	9	-1186.9	2392.056
	-0.708			1.771	9	-1186.9	2392.058
				1.83	8	-1187.93	2392.06
	3.316		0.313	1.766	10	-1185.87	2392.061
	-0.689	0.413	-0.09	1.758	9	-1186.9	2392.067
	0.223	1.838		1.802	12	-1183.81	2392.069
			0.055	1.767	9	-1186.91	2392.071
0.509	0.23	1.119		1.784	10	-1185.88	2392.071
				1.769	9	-1186.91	2392.082
	2.625			1.776	10	-1185.88	2392.086
	2.463			1.787	10	-1185.89	2392.092
	-0.758		-0.019	1.771	9	-1186.93	2392.112
			0.017	1.765	9	-1186.93	2392.117
0.387		0.948	0.054	1.77	10	-1185.9	2392.118
			-0.072	1.824	8	-1187.96	2392.126
-0.785	2.534		0.189	1.771	10	-1185.91	2392.131
1.746	2.292	3.234	1.021	1.776	12	-1183.85	2392.156
			-0.17	1.836	7	-1189	2392.165
-0.461				1.855	8	-1187.98	2392.176
	2.606		0.486	1.76	9	-1186.96	2392.183
0.097	2.127	1.764	0.66	1.783	12	-1183.87	2392.184
				1.755	10	-1185.94	2392.194
0.651		2.6	0.701	1.77	12	-1183.9	2392.247
-0.389				1.854	8	-1188.03	2392.261
-0.889	3.199		0.14	1.773	11	-1184.95	2392.286
	0.347		0.343	1.754	11	-1184.96	2392.307
			0.012	1.762	9	-1187.03	2392.311
-1.767	0.545		0.097	1.788	11	-1184.97	2392.317
	-0.179	0.67	-0.095	1.779	10	-1186.01	2392.341
-0.037		0.695	0.063	1.751	10	-1186.01	2392.346
-1.721	-1.83		-0.339	1.77	11	-1184.99	2392.367
-0.664	2.085		0.12	1.772	10	-1186.03	2392.379
	-0.371			1.779	9	-1187.07	2392.396
			0.035	1.754	10	-1186.04	2392.396
			0.277	1.763	9	-1187.07	2392.41
	4.171		0.428	1.753	11	-1185.02	2392.418
			-0.197	1.856	8	-1188.13	2392.463
	2.443			1.78	10	-1186.07	2392.464
			0.155	1.786	9	-1187.1	2392.466
	1.704		0.438	1.762	9	-1187.11	2392.476
	-0.613		-0.033	1.775	9	-1187.11	2392.489
			0.231	1.811	8	-1188.14	2392.493
	2.73		0.355	1.766	10	-1186.1	2392.515

	1.049		0.382	1.763	9	-1187.15	2392.556
-2.706				1.794	10	-1186.12	2392.556
-1.635			0.023	1.78	11	-1185.09	2392.561
-0.6	-0.708		-0.257	1.783	10	-1186.13	2392.581
-0.723			-0.442	1.859	8	-1188.19	2392.584
	0.595		0.284	1.767	9	-1187.17	2392.605
	-0.737		-0.053	1.773	9	-1187.17	2392.609
1.427	3.117	2.576	0.926	1.776	12	-1184.08	2392.618
	3.085			1.776	11	-1185.12	2392.628
				1.852	8	-1188.22	2392.653
-2.217			-0.46	1.883	9	-1187.2	2392.657
	-0.889		0.118	1.768	9	-1187.2	2392.664
			-0.033	1.851	8	-1188.24	2392.68
				1.849	8	-1188.24	2392.682
	-0.485			1.775	9	-1187.22	2392.709
	-0.86			1.787	10	-1186.2	2392.711
				1.798	9	-1187.23	2392.713
-0.57	-0.759		-0.275	1.782	10	-1186.2	2392.716
-0.628	3.069		0.147	1.776	11	-1185.18	2392.735
-3.558			-0.592	1.822	11	-1185.2	2392.788
			0.227	1.761	9	-1187.27	2392.791
			-0.117	1.858	8	-1188.3	2392.812
			0.006	1.843	8	-1188.3	2392.813
	1.156			1.777	9	-1187.28	2392.814
			0.202	1.76	9	-1187.29	2392.837
-0.537	-0.764		-0.279	1.78	10	-1186.26	2392.837
	-1.005			1.766	9	-1187.29	2392.849
	-0.87		-0.043	1.77	9	-1187.31	2392.879
	-1.226		0.111	1.766	11	-1185.25	2392.891
	1.749			1.781	10	-1186.3	2392.919
			0.295	1.757	11	-1185.28	2392.94
			0.387	1.801	10	-1186.33	2392.972
			0.115	1.855	10	-1186.34	2392.989
	0.348			1.776	9	-1187.37	2392.995
			-0.094	1.856	8	-1188.42	2393.048
				1.755	10	-1186.37	2393.052
-0.797			-0.294	1.874	9	-1187.41	2393.07
-0.546	-0.745		-0.299	1.777	10	-1186.38	2393.071
	-0.613		0.112	1.768	9	-1187.41	2393.082
	1.463		0.246	1.768	10	-1186.39	2393.095
-0.645			-0.294	1.866	9	-1187.43	2393.111
-0.466	2.725		0.083	1.776	11	-1185.37	2393.118
	1.036		0.24	1.767	10	-1186.41	2393.138
			-0.065	1.766	10	-1186.41	2393.145
	-0.519		0.111	1.768	9	-1187.44	2393.149
-1.722	1.732		0.28	1.779	11	-1185.38	2393.15
			-0.031	1.767	10	-1186.42	2393.151
				1.764	10	-1186.42	2393.153

-0.605	-0.812	0.054	-0.319	1.771	10	-1186.43	2393.187
				1.804	9	-1187.47	2393.196
			-0.08	1.763	10	-1186.44	2393.201
-2.922			-0.389	1.826	10	-1186.45	2393.222
	2.935		0.363	1.771	10	-1186.47	2393.253
-1.767	-0.239	2.429	0.338	1.758	14	-1182.34	2393.295
				1.772	11	-1185.47	2393.318
	0.791			1.778	10	-1186.5	2393.322
-0.423			-0.311	1.855	9	-1187.54	2393.339
-0.342		0.609	-0.269	1.819	9	-1187.55	2393.36
-1.118	-1.648		-0.296	1.774	11	-1185.5	2393.379
			-0.194	1.821	9	-1187.56	2393.39
	3.368			1.801	12	-1184.48	2393.408
			0.127	1.754	11	-1185.52	2393.413
			0.099	1.764	10	-1186.55	2393.416
-0.466			-0.257	1.834	9	-1187.58	2393.419
	2.626		0.261	1.768	10	-1186.56	2393.436
			0.024	1.761	10	-1186.56	2393.444
-0.685				1.86	9	-1187.6	2393.451
-0.466			-0.267	1.842	9	-1187.6	2393.458
	1.914			1.765	10	-1186.57	2393.465
			0.05	1.762	10	-1186.58	2393.472
			-0.215	1.829	9	-1187.61	2393.476
-1.175		-0.337	-0.271	1.749	11	-1185.55	2393.485
	-1.251			1.769	10	-1186.58	2393.487
-0.164				1.82	9	-1187.62	2393.497
	-1.321		-0.084	1.774	10	-1186.59	2393.5
				1.818	10	-1186.6	2393.515
				1.81	9	-1187.63	2393.523
-0.542	0.814	1.046		1.802	12	-1184.54	2393.538
-1.588				1.864	9	-1187.67	2393.607
	1.884			1.781	10	-1186.65	2393.622
	-2.332	3.11		1.78	13	-1183.55	2393.632
-0.146				1.829	9	-1187.7	2393.659
-0.615			-0.344	1.87	9	-1187.73	2393.725
	-0.442			1.779	10	-1186.71	2393.734
	2.445		0.256	1.763	10	-1186.71	2393.739
			0.119	1.794	9	-1187.76	2393.777
	3.394		0.298	1.774	11	-1185.71	2393.8
-0.553			-0.343	1.868	9	-1187.78	2393.822
			-0.203	1.842	9	-1187.79	2393.832
	-0.749		-0.124	1.777	10	-1186.76	2393.844
	-1.122			1.767	10	-1186.76	2393.845
	3.217		0.21	1.77	11	-1185.75	2393.878
0.941	1.853	2.881	0.975	1.78	13	-1183.68	2393.884
	2.689			1.771	11	-1185.76	2393.905
-1.447	2.33		0.224	1.783	12	-1184.73	2393.908
	-0.825		-0.131	1.776	10	-1186.8	2393.914

			0.101	1.793	10	-1186.81	2393.947
1.045	0.643	1.601	0.297	1.779	11	-1185.79	2393.969
	-0.85		-0.046	1.773	10	-1186.83	2393.978
	3.172		0.212	1.768	11	-1185.8	2393.987
			0.176	1.819	9	-1187.87	2393.994
			-0.106	1.821	9	-1187.87	2394.004
			0.016	1.755	10	-1186.85	2394.012
	2.656			1.782	11	-1185.83	2394.049
	-0.898		-0.119	1.773	10	-1186.87	2394.057
	-1.338		-0.101	1.771	10	-1186.87	2394.065
	-0.723		-0.072	1.774	10	-1186.88	2394.082
			0.007	1.81	9	-1187.91	2394.086
	-0.69		-0.072	1.774	10	-1186.89	2394.092
	-0.796			1.769	10	-1186.89	2394.106
	3.348		0.329	1.765	11	-1185.87	2394.121
			0.055	1.767	10	-1186.91	2394.129
	4.152		0.369	1.757	12	-1184.84	2394.133
	2.58		0.469	1.76	10	-1186.96	2394.238
			-0.008	1.756	11	-1185.94	2394.258
	-0.307		0.077	1.777	10	-1187.06	2394.435
	0.375		0.328	1.764	10	-1187.06	2394.446
			-0.217	1.86	9	-1188.12	2394.497
	1.705		0.436	1.762	10	-1187.11	2394.534
	-0.69		0.253	1.78	11	-1186.08	2394.55
	2.744		0.341	1.767	11	-1186.09	2394.572
-2.221			-0.497	1.892	10	-1187.16	2394.648
			-0.026	1.85	9	-1188.24	2394.732
			0.013	1.798	10	-1187.23	2394.77
	-0.852			1.787	11	-1186.2	2394.775
			0.389	1.756	12	-1185.22	2394.896
	-1.04		-0.057	1.768	10	-1187.29	2394.897
			0.446	1.801	11	-1186.31	2394.998
			-0.069	1.758	11	-1186.36	2395.095
-0.8			-0.293	1.874	10	-1187.4	2395.128
-0.326			-0.309	1.835	10	-1187.41	2395.136
	1.411		0.254	1.767	11	-1186.39	2395.153
			-0.054	1.766	11	-1186.41	2395.206
			-0.084	1.808	10	-1187.45	2395.226
	2.7		0.286	1.755	11	-1186.45	2395.284
-0.315			-0.305	1.844	10	-1187.5	2395.312
	2.936		0.367	1.771	11	-1186.47	2395.316
			-0.176	1.818	10	-1187.56	2395.434
	-1.225		-0.11	1.775	11	-1186.55	2395.489
	3.306		0.237	1.761	12	-1185.66	2395.77
	-0.459		-0.02	1.779	11	-1186.71	2395.797
	-1.143		-0.137	1.774	11	-1186.72	2395.826
	3.389		0.276	1.773	12	-1185.7	2395.861
	-0.861		-0.118	1.773	11	-1186.87	2396.119

	-0.697		0.312	1.78	12	-1186.06	2396.578
-3.505	1.169		1.067		10	-1200.92	2422.154
-6.091		-2.898			10	-1201.12	2422.558
-5.68			0.603		9	-1202.23	2422.717
-3.449			0.95		10	-1201.23	2422.772
-2.729	2.279		1.287		11	-1200.41	2423.194
-2.353			0.77		9	-1202.56	2423.38
-5.319		-2.293	0.31		11	-1200.55	2423.477
-4.559	1.153	-0.663	1.007		11	-1200.57	2423.519
-6.868		-2.604			11	-1200.79	2423.961
-3.878	1.373		1.18		11	-1200.81	2423.996
-3.45	1.749		1.113		11	-1200.87	2424.132
-2.815			1.067		11	-1200.88	2424.142
-3.843	1.095		1.028		11	-1200.9	2424.176
-4.356		-0.599	0.89		11	-1200.95	2424.275
-3.433			0.809		10	-1201.99	2424.292
-5.909		-2.996			11	-1200.96	2424.3
-4.35			0.674		10	-1201.99	2424.306
-4.571			0.868		11	-1201	2424.382
-5.941	-0.201	-2.931			11	-1201.03	2424.433
-5.692		-2.933			11	-1201.03	2424.442
-6.477			0.619		10	-1202.1	2424.518
-5.409			0.542		10	-1202.1	2424.528
-6.129	0.155		0.627		10	-1202.17	2424.667
-6.066			0.603		10	-1202.2	2424.711
-5.906		-0.068	0.593		10	-1202.22	2424.767
-3.616			0.994		11	-1201.19	2424.77
-3.422		-0.685	0.71		10	-1202.23	2424.781
-5.255		-0.974	0.735		11	-1201.33	2425.053
-5.166					8	-1204.43	2425.065
-3.432	2.026	-0.337	1.207		12	-1200.33	2425.121
-6.066		-2.101	0.282		12	-1200.33	2425.122
-5.094	0.55	-1.666	0.593		12	-1200.34	2425.124
-7.564	-4.188				10	-1202.42	2425.168
-5.22	-4.882				12	-1200.39	2425.231
-2.26			0.731		10	-1202.46	2425.234
-2.709	2.042		1.277		12	-1200.39	2425.242
-2.827	2.283		1.301		12	-1200.4	2425.256
-2.718	2.283		1.288		12	-1200.41	2425.264
-4.611	2.085	-0.736	1.077		12	-1200.46	2425.373
-4.105			0.988		12	-1200.48	2425.411
	3.315		1.646		11	-1201.52	2425.415
-5.2		-1.958	0.434		12	-1200.49	2425.428
-5.42		-2.223	0.338		12	-1200.54	2425.525
-6.81	-0.334	-2.583			12	-1200.55	2425.544
-6.329		-2.587			12	-1200.55	2425.546
-4.623	1.139	-0.658	1		12	-1200.57	2425.588
-6.702		-2.696			12	-1200.58	2425.605

	3.319	0.932	1.583	11	-1201.65	2425.673
-4.69			0.727	11	-1201.68	2425.75
-7.303	-2.244		0.425	11	-1201.69	2425.772
	5.438		1.702	11	-1201.73	2425.851
-4.841				9	-1203.83	2425.91
-3.875	2.146		1.257	12	-1200.74	2425.934
-5.133		-0.554	0.64	11	-1201.79	2425.965
	8.104		2.399	12	-1200.76	2425.979
-7.039	-0.736	-1.437		11	-1201.81	2426.012
-5.25		-0.531	0.831	12	-1200.79	2426.039
-3.957	1.348		1.166	12	-1200.81	2426.064
-4.136			0.616	11	-1201.84	2426.069
-3.412		-0.284	1.005	12	-1200.84	2426.135
-7.396		-0.91		10	-1202.91	2426.138
-2.616			1.047	12	-1200.86	2426.18
-3.347	1.859		1.131	12	-1200.87	2426.201
-5.962	0.643	-3.124		12	-1200.88	2426.212
		1.052	1.341	11	-1201.92	2426.222
-6.384			0.663	11	-1201.95	2426.283
-3.684			0.843	11	-1201.96	2426.304
-6.144		-3.019		12	-1200.94	2426.342
-6.388		-0.352	0.457	11	-1202.02	2426.414
-4.666			0.899	12	-1200.99	2426.428
-5.81	-0.126	-2.933		12	-1201.02	2426.49
-6.012			0.57	11	-1202.05	2426.491
-6.792	-3.807			11	-1202.07	2426.528
-5.971		-1.31		11	-1202.08	2426.54
-6.206		0.11	0.637	11	-1202.09	2426.563
-6.985		-0.559		9	-1204.15	2426.564
	7.732	-1.104	1.937	12	-1201.06	2426.567
-5.601	0.06		0.557	11	-1202.1	2426.579
-5.249			0.536	11	-1202.1	2426.587
-6.037	0.241		0.639	11	-1202.17	2426.725
-6.01	0.169	0.047	0.635	11	-1202.17	2426.728
-6.213		-0.047	0.596	11	-1202.19	2426.771
-7.563	-4.704			11	-1202.2	2426.786
	4.865		1.738	12	-1201.18	2426.819
-4.121	1.258	-1.353	0.763	13	-1200.15	2426.833
-6.858		-1.439		11	-1202.23	2426.852
-5.988		-0.873	0.694	12	-1201.21	2426.883
-5.149	1.484	-1.86	0.606	13	-1200.18	2426.893
	3.439		1.503	10	-1203.32	2426.958
-8.003	-2.752	-1.086		12	-1201.26	2426.983
-8.455	-4.424			11	-1202.31	2427.008
	2.888		1.238	11	-1202.32	2427.022
-2.985	4.398	-1.043	1.414	13	-1200.25	2427.023
-8.384	-4.022	-0.343		11	-1202.33	2427.034
	3.315	0.476	1.636	12	-1201.29	2427.035

-5.798	-4.204	-0.449		13	-1200.26	2427.042
-5.583				9	-1204.39	2427.049
-5.538				9	-1204.4	2427.059
-4.74	-0.138			9	-1204.41	2427.082
-5.413				9	-1204.42	2427.101
-5.651	0.335	-1.791	0.465	13	-1200.29	2427.104
-5.234	-4.15		0.146	13	-1200.3	2427.121
-5.554	-4.94			13	-1200.31	2427.149
-5.962		-1.943	0.347	13	-1200.32	2427.172
-6.014		-2.16	0.247	13	-1200.32	2427.177
-3.589			0.898	13	-1200.33	2427.185
-3.34	2.055	-0.343	1.218	13	-1200.33	2427.194
-3.499	2.102	-0.365	1.204	13	-1200.33	2427.195
-7.355	-2.722		0.447	12	-1201.38	2427.213
	2.166	0.984	1.55	12	-1201.41	2427.27
-3.116	1.579		1.206	13	-1200.38	2427.291
-2.758	2.067		1.285	13	-1200.39	2427.317
-2.774	2.306		1.313	13	-1200.4	2427.331
-4.57		-1.717	0.515	13	-1200.44	2427.404
		2.355	1.258	11	-1202.52	2427.413
	3.817	1.605	1.916	12	-1201.49	2427.423
-2.414				8	-1205.62	2427.446
	3.234		1.587	12	-1201.5	2427.451
-3.753		0.218	1.027	13	-1200.46	2427.455
			0.993	11	-1202.56	2427.5
-6.533	-0.183	-2.583		13	-1200.52	2427.572
	1.266		1.336	10	-1203.63	2427.58
-3.821		1.051	0.915	12	-1201.57	2427.597
-4.671			0.542	12	-1201.57	2427.6
-6.926	-0.648	-2.468		13	-1200.54	2427.6
-6.383	-1.475			9	-1204.68	2427.615
-6.379		-2.606		13	-1200.55	2427.62
-1.952	5.171		1.844	13	-1200.57	2427.66
-6.75	-2.346		0.352	12	-1201.6	2427.661
		1.618	1.389	12	-1201.61	2427.68
-4.41	-0.216			10	-1203.72	2427.758
-4.668			0.722	12	-1201.68	2427.82
-7.245	-2.236	0.022	0.43	12	-1201.69	2427.842
			0.927	9	-1204.79	2427.844
-4.129				10	-1203.77	2427.867
-4.98				10	-1203.82	2427.962
-4.695				10	-1203.83	2427.972
-4.15		-1.154		9	-1204.88	2428.03
	8.207	-0.239	2.348	13	-1200.75	2428.032
	8.551		2.479	13	-1200.76	2428.041
-6.884	-0.662	-1.446		12	-1201.81	2428.073
-7.083	-0.687	-1.382	0.039	12	-1201.81	2428.075
-4.259	-3.243	1.37	0.739	13	-1200.79	2428.113

			1.18	10	-1203.91	2428.136
-5.839		-0.789	0.28	12	-1201.86	2428.175
-6.347	0.73	-3.184		13	-1200.85	2428.224
		1.332	1.455	12	-1201.89	2428.225
-6.716	-0.267	-0.688		10	-1204.02	2428.368
		1.367	0.935	9	-1205.06	2428.37
-6.599		-0.867		10	-1204.03	2428.377
-7.415	-3.987			12	-1201.97	2428.383
-5.771	-0.779			10	-1204.06	2428.431
-6.293		-0.545	0.38	12	-1202.01	2428.476
	-2.757	2.818	1.167	12	-1202.01	2428.482
-6.387	-1.382		0.319	10	-1204.09	2428.492
-5.011	0.378		0.574	12	-1202.03	2428.518
-7.195		-0.545		10	-1204.14	2428.599
-5.947		-1.309		12	-1202.08	2428.609
-6.945		-0.575		10	-1204.15	2428.62
-8.553	-2.06	-0.792		10	-1204.15	2428.623
-8.503	-4.942			12	-1202.09	2428.624
	8.538	-1.404	1.99	13	-1201.05	2428.629
-5.906			0.441	10	-1204.19	2428.689
	3.843	1.156	1.993	13	-1201.09	2428.715
	1.917		1.195	12	-1202.16	2428.771
-5.511	0.372	0.162	0.68	12	-1202.16	2428.776
-2.279				9	-1205.26	2428.779
-5.839				9	-1205.28	2428.825
-7.492	-4.742	0.031		12	-1202.2	2428.855
-4.437	1.524	-1.549	0.717	14	-1200.13	2428.867
-4.55	1.051	-1.472	0.655	14	-1200.13	2428.868
			1.22	11	-1203.25	2428.877
-4.201	2.743	-1.773	0.87	14	-1200.14	2428.882
-4.835		-1.326	0.51	14	-1200.14	2428.884
	2.756		1.476	11	-1203.25	2428.886
-8.615	-3.225	-1.56	-0.222	13	-1201.21	2428.952
-9.062	-1.364	-1.035		11	-1203.29	2428.954
-5.404	-0.25			10	-1204.35	2429.016
	2.622	1.653	1.879	13	-1201.24	2429.017
-8.642	-4.253	-0.195		12	-1202.29	2429.04
		0.866	0.676	9	-1205.39	2429.05
			0.56	8	-1206.42	2429.054
-5.946	-3.193	-1.049		14	-1200.22	2429.059
-2.947	5.598	-1.478	1.496	14	-1200.23	2429.074
		3.259	1.612	12	-1202.32	2429.087
-5.564				10	-1204.39	2429.108
-5.584				10	-1204.39	2429.108
-5.507				10	-1204.4	2429.117
-5.904	-4.261	-0.533	-0.036	14	-1200.26	2429.122
-3.124				9	-1205.45	2429.161
-4.745	-3.014		0.355	14	-1200.29	2429.188

-5.543		-1.353		10	-1204.47	2429.253
-7.108	-1.68			10	-1204.48	2429.274
-3.742				11	-1203.46	2429.297
			1.075	10	-1204.49	2429.299
-6.823	-2.66			10	-1204.49	2429.305
		1.735	0.901	9	-1205.54	2429.347
-2.693				9	-1205.55	2429.365
	1.533		1.478	11	-1203.49	2429.366
-4.381			0.585	10	-1204.53	2429.37
	1.235	0.417	1.327	11	-1203.5	2429.378
-2.45	0.037			9	-1205.62	2429.495
		0.55	0.929	10	-1204.59	2429.498
-8.086		-1.911		10	-1204.61	2429.532
			1	12	-1202.56	2429.569
		2.204	1.605	13	-1201.52	2429.573
-4.78	-0.423			11	-1203.61	2429.611
-4.106		0.551	0.729	13	-1201.54	2429.611
-8.36		-1.042		10	-1204.66	2429.631
-6.25	-1.431			10	-1204.66	2429.648
	2.429	1.721	1.993	12	-1202.63	2429.723
		1.807	0.83	8	-1206.78	2429.76
-6.605	-8.74	2.308		13	-1201.63	2429.791
		0.972	0.851	10	-1204.74	2429.806
-4.503	-0.338			11	-1203.71	2429.812
-4.311				11	-1203.72	2429.826
			0.908	10	-1204.76	2429.834
	1.863	1.659	1.157	11	-1203.75	2429.875
			0.909	10	-1204.78	2429.883
	11.652	-1.294	2.656	14	-1200.64	2429.896
	1.857	3.032	1.859	11	-1203.77	2429.916
			0.468	9	-1205.83	2429.92
-4.423		-1.156		10	-1204.82	2429.949
	-0.728	1.012	0.446	8	-1206.89	2429.988
-6.823				8	-1206.9	2429.999
-4.766				11	-1203.82	2430.027
				7	-1207.93	2430.029
				8	-1206.92	2430.046
		1.469	0.991	10	-1204.87	2430.056
	0.445	1.625	1.082	10	-1204.87	2430.062
-4.243	0.082	-1.163		10	-1204.88	2430.073
	-0.629	1.052		7	-1207.97	2430.097
				8	-1206.96	2430.121
-7.184		-1.046		11	-1203.88	2430.14
-6.754	-0.601	-1.355	0.042	13	-1201.81	2430.142
-8.305	-1.995	-1.007		11	-1203.9	2430.184
-6.885		-1.251	0.403	11	-1203.91	2430.21
-6.504	-1.081	-1.591		11	-1203.93	2430.235
		1.03	0.676	9	-1206	2430.265

-8.226		-2.513		11	-1203.95	2430.275
		1.549	1.008	10	-1204.98	2430.28
-7.218		-1.868		11	-1203.97	2430.315
-6.962			0.443	9	-1206.03	2430.317
-1.412				8	-1207.06	2430.32
-8.193		-0.916		11	-1203.97	2430.325
		0.924	0.657	9	-1206.03	2430.328
			0.608	10	-1205.01	2430.329
			0.725	9	-1206.04	2430.335
-2.927				8	-1207.07	2430.344
-6.182	-0.937			11	-1203.99	2430.358
-6.569	-0.173	-0.832		11	-1203.99	2430.371
				9	-1206.06	2430.375
		1.237	0.812	10	-1205.03	2430.377
-0.598				9	-1206.06	2430.378
-6.693		-0.872		11	-1204	2430.389
-7.536	-1.682	-0.396	0.219	11	-1204.01	2430.4
	-2.536	3.342	1.393	13	-1201.94	2430.403
	0.91	0.874	0.782	10	-1205.05	2430.411
		1.108	0.469	8	-1207.12	2430.449
-4.566	-1.102		0.516	10	-1205.08	2430.484
		0.412	0.534	9	-1206.13	2430.516
			0.431	9	-1206.14	2430.535
-4.125				9	-1206.14	2430.538
-6.63	-1.377		0.335	11	-1204.08	2430.539
-6.332	-1.118		0.344	11	-1204.08	2430.55
-6.419	-1.369		0.322	11	-1204.08	2430.552
		1.488		6	-1209.22	2430.556
-4.897			0.709	9	-1206.15	2430.566
		1.812	0.995	10	-1205.13	2430.582
-1.078				8	-1207.19	2430.587
-4.308	-1.496			9	-1206.17	2430.597
		2.702	1.525	11	-1204.11	2430.603
-5.681			0.501	11	-1204.11	2430.607
-8.019		-1.42		11	-1204.12	2430.619
-6.842		-0.37	0.371	11	-1204.12	2430.626
-2.811	-1.818			10	-1205.16	2430.634
-1.117				8	-1207.22	2430.65
-0.829			0.502	9	-1206.2	2430.659
-8.519	-2.197	-0.756		11	-1204.15	2430.682
-8.552	-2.06	-0.798		11	-1204.15	2430.687
		1.16		7	-1208.27	2430.693
0.558		2.012	1.003	9	-1206.22	2430.697
	0.916		0.517	10	-1205.19	2430.701
-6.151			0.46	11	-1204.18	2430.733
-1.559				8	-1207.27	2430.744
-8.834	-1.258	-1.333		12	-1203.16	2430.769
		1.074	0.653	9	-1206.26	2430.775

-6.124				10	-1205.23	2430.783
-5.617				10	-1205.23	2430.785
		0.646	1.098	11	-1204.2	2430.792
-2.426				10	-1205.24	2430.801
-7.95	-3.208			11	-1204.21	2430.803
-2.54				10	-1205.24	2430.805
-1.212			0.431	9	-1206.28	2430.814
			0.409	10	-1205.26	2430.829
-2.238	-0.043			10	-1205.26	2430.833
-4.971		0.842	0.622	10	-1205.26	2430.834
-5.141			0.69	11	-1204.23	2430.85
	4.633		1.08	10	-1205.27	2430.862
-3.381	-0.614			10	-1205.27	2430.863
		1.174	0.729	10	-1205.29	2430.893
-6.813	-2.036	-1.251		10	-1205.3	2430.92
		0.871	0.582	9	-1206.33	2430.926
-1.188	-1.267			8	-1207.36	2430.931
		0.636	0.595	10	-1205.32	2430.953
-4.446	1.492	-1.544	0.712	15	-1200.13	2430.956
		0.824	0.666	10	-1205.32	2430.958
-0.902			0.456	9	-1206.37	2430.993
-0.451			0.385	10	-1205.34	2430.993
-4.362	1.403		0.719	11	-1204.31	2430.996
0.859		1.959	0.792	8	-1207.41	2431.022
			0.591	9	-1206.4	2431.052
			0.585	9	-1206.4	2431.057
	2.562	1.025	0.976	10	-1205.38	2431.088
	0.049		0.558	9	-1206.42	2431.1
0.058		0.909	0.69	10	-1205.39	2431.103
0.023			0.57	9	-1206.42	2431.103
	-0.759	1.007	0.56	9	-1206.44	2431.133
		1.457	0.722	9	-1206.44	2431.14
0.558		1.477	0.733	9	-1206.44	2431.145
-1.838				10	-1205.42	2431.168
-3.239				10	-1205.42	2431.168
	-0.432	1.36	0.667	9	-1206.46	2431.172
-5.56				11	-1204.39	2431.172
-0.984	-1.237			8	-1207.49	2431.197
-6.813	-1.601			11	-1204.42	2431.223
-8.659		-1.615		11	-1204.42	2431.232
		0.536		8	-1207.51	2431.236
	-0.782	0.945	0.539	9	-1206.49	2431.239
		0.962		8	-1207.55	2431.298
-2.773			0.342	9	-1206.53	2431.327
-6.858	-2.652			11	-1204.48	2431.351
	2.013	1.211	0.934	10	-1205.52	2431.354
-3.811				12	-1203.45	2431.355
			1.08	11	-1204.49	2431.357

	0.77			9	-1206.55	2431.362
-1.097	3.13		0.811	10	-1205.53	2431.374
		3.057	1.307	9	-1206.56	2431.377
		1.633	0.877	10	-1205.53	2431.381
				9	-1206.57	2431.39
0.43	-0.562	1.347	0.647	9	-1206.57	2431.392
	0.002	1.737	0.901	10	-1205.54	2431.405
-0.33				8	-1207.61	2431.429
			0.454	10	-1205.56	2431.434
	3.347		0.998	10	-1205.56	2431.446
-6.157			0.586	10	-1205.58	2431.469
-4.341	-1.515	-1.021		11	-1204.55	2431.474
				9	-1206.62	2431.492
				9	-1206.63	2431.515
		0.567	0.904	11	-1204.57	2431.521
-1.368			0.388	9	-1206.63	2431.525
	-0.842	1.019	0.519	9	-1206.64	2431.533
		0.645	0.944	11	-1204.58	2431.541
-5.947				9	-1206.65	2431.554
		1.92	0.845	11	-1204.59	2431.564
		1.555		7	-1208.72	2431.592
-8.088	0.005	-1.912		11	-1204.61	2431.596
		1.516	0.349	7	-1208.73	2431.618
-0.849				8	-1207.71	2431.623
	-0.831	0.928	0.483	9	-1206.69	2431.631
-1.218				9	-1206.69	2431.644
	1.122	3.012	1.526	11	-1204.63	2431.651
-5.049	-0.49			12	-1203.61	2431.668
-1.167	-1.613			8	-1207.74	2431.688
0.58		0.936	0.731	10	-1205.69	2431.691
		1.806	0.858	9	-1206.72	2431.698
			0.801	11	-1204.66	2431.702
-1.537	2.387		0.683	10	-1205.69	2431.703
-2.649				9	-1206.73	2431.711
-8.311		-1.548		12	-1203.63	2431.712
	2.204	2.255	1.424	12	-1203.64	2431.723
0.902	1.641	1.54	1.061	11	-1204.67	2431.726
-5.952		0.366		9	-1206.74	2431.74
		1.808	0.817	9	-1206.74	2431.745
		1.797	0.843	9	-1206.76	2431.778
	1.15	1.426	0.896	11	-1204.7	2431.782
			0.737	8	-1207.79	2431.788
		-0.558		9	-1206.76	2431.789
	1.679	1.503	1.153	11	-1204.7	2431.791
		1.812	0.834	9	-1206.78	2431.811
			0.435	10	-1205.75	2431.826
-6.948	1.438	-1.291	0.526	12	-1203.69	2431.828
				8	-1207.81	2431.835

		3.003	1.405	11	-1204.73	2431.836
-4.013				8	-1207.82	2431.841
		0.854	0.825	11	-1204.74	2431.858
			0.562	9	-1206.8	2431.861
1.113		1.942	0.827	9	-1206.81	2431.874
				8	-1207.84	2431.883
-5.239	-1.17		0.608	11	-1204.75	2431.884
		0.316		9	-1206.82	2431.892
-2.79	-1.51			9	-1206.82	2431.898
		2.346	0.987	10	-1205.79	2431.899
-8.551		-2.184		12	-1203.73	2431.903
-0.92		-0.619		10	-1205.8	2431.909
-8.538	1.245	-2.868		12	-1203.73	2431.919
-3.99				7	-1208.89	2431.937
	2.316	2.986	1.887	12	-1203.75	2431.948
		1.682	1.438	12	-1203.75	2431.952
				9	-1206.86	2431.972
-6.593				9	-1206.86	2431.973
	-1.138	1.013		8	-1207.89	2431.979
	0.208			8	-1207.89	2431.98
	-0.644	1.021		8	-1207.89	2431.982
	-0.693	0.995		8	-1207.89	2431.983
-2.165				8	-1207.89	2431.992
			0.464	11	-1204.81	2432.002
	-0.631	1.051		8	-1207.9	2432.002
	-0.188			9	-1206.87	2432.01
		0.64	0.615	10	-1205.85	2432.011
	2.113	1.025	0.948	11	-1204.81	2432.011
				8	-1207.9	2432.015
-0.784	-1.367			8	-1207.9	2432.017
	-0.823	1.005	0.442	9	-1206.89	2432.034
0.121				9	-1206.89	2432.042
-0.127	-0.692	0.949		8	-1207.93	2432.06
	-10.937	5.438		11	-1204.84	2432.061
-7.212		-1.018	0.387	12	-1203.81	2432.071
		2.643	1.195	10	-1205.88	2432.081
-0.937				9	-1206.91	2432.087
	-0.663	1.055		8	-1207.94	2432.087
-5.905	-1.513	-0.716	0.371	11	-1204.86	2432.095
				10	-1205.9	2432.109
-5.463			0.799	10	-1205.9	2432.114
0.358			0.491	10	-1205.9	2432.116
0.713		2.076	1.017	10	-1205.9	2432.121
		1.183	0.742	10	-1205.91	2432.143
	-0.63	1.051		8	-1207.97	2432.143
			0.462	10	-1205.92	2432.159
-7.44		-1.828	0.236	12	-1203.85	2432.163
		2.638	0.75	8	-1207.98	2432.171

-0.406		0.724	0.591	10	-1205.93	2432.176
	0.917	0.517	0.647	11	-1204.9	2432.177
		1.009		8	-1207.99	2432.181
-6.595			0.4	10	-1205.94	2432.192
		2.324	0.753	9	-1206.97	2432.2
-8.326	-1.527	-1.147		12	-1203.88	2432.205
		1.068		8	-1208	2432.206
0.786		1.981	0.986	10	-1205.96	2432.229
1.533		1.769	0.977	11	-1204.92	2432.23
-8.613	-2.114	-1.195	-0.077	12	-1203.89	2432.243
		1.084	0.718	10	-1205.96	2432.243
-8.316	-1.997	-1.048		12	-1203.9	2432.25
0.249		1.603		7	-1209.05	2432.26
-6.488	-5.384	1.568		11	-1204.94	2432.265
0.48		1.701	0.898	10	-1205.97	2432.265
		1.126		8	-1208.03	2432.266
-6.841	-0.72	-1.713		12	-1203.91	2432.266
-1.987				9	-1207	2432.268
-3.305		-0.3		9	-1207.01	2432.274
-2.544				9	-1207.01	2432.278
-0.322				10	-1205.98	2432.285
		1.184	0.698	10	-1205.99	2432.289
-2.654	-1.536			11	-1204.96	2432.295
	-0.626			10	-1205.99	2432.306
	1.97	0.854	0.778	10	-1205.99	2432.306
1.001		2.053	0.835	9	-1207.02	2432.308
-1.315				9	-1207.03	2432.314
	1.476	1.231	0.842	10	-1206	2432.318
-4.316		1.432	0.849	11	-1204.97	2432.324
-4.684				8	-1208.06	2432.328
-0.19		0.757	0.611	10	-1206.01	2432.345
	3.17	0.628	1	11	-1204.98	2432.35
-0.749		0.38		9	-1207.05	2432.356
-1.448	0.21			9	-1207.05	2432.36
-1.327		0.085		9	-1207.05	2432.361
				10	-1206.03	2432.369
-1.044	-1.3		0.275	9	-1207.06	2432.374
-3.017				9	-1207.06	2432.38
-2.934	0.198			9	-1207.06	2432.386
-0.538	0.226			10	-1206.04	2432.389
0.775		2.132	1.025	10	-1206.04	2432.393
		-0.127		10	-1206.04	2432.399
				8	-1208.1	2432.403
		1.283	0.757	10	-1206.04	2432.406
-1.116	-0.522			9	-1207.07	2432.408
		1.483		7	-1209.13	2432.413
-0.644			0.399	9	-1207.08	2432.424
		1.303	0.835	11	-1205.03	2432.437

2.088	1.872	1.498	1.196	11	-1205.03	2432.441
	-0.253	0.519	0.541	10	-1206.06	2432.442
0.809		2.11	1.026	10	-1206.06	2432.447
-7.492	-1.663	-0.466	0.233	12	-1204	2432.448
-7.476	-1.323	-0.431	0.243	12	-1204	2432.449
-4.215		0.352	0.748	10	-1206.07	2432.461
-4.199	-0.712			10	-1206.07	2432.462
		1.15		8	-1208.13	2432.465
-1.087			0.377	10	-1206.08	2432.478
-2.505	-2.472			8	-1208.14	2432.485
		1.465		7	-1209.16	2432.491
-4.591	-1.563			10	-1206.09	2432.503
	-0.188		0.422	10	-1206.09	2432.508
				8	-1208.15	2432.512
	-2.88			11	-1205.07	2432.513
	2.836		0.789	11	-1205.07	2432.517
-2.692				10	-1206.1	2432.522
-3.255	-1.025	1.279		9	-1207.14	2432.539
		1.463		7	-1209.19	2432.545
			0.577	9	-1207.14	2432.545
-5.113	1.383		0.816	12	-1204.05	2432.548
-5.856			0.574	12	-1204.05	2432.551
0.448	-0.256	1.711	0.877	10	-1206.12	2432.554
		0.249	0.487	10	-1206.12	2432.555
-0.241	0.767		0.479	11	-1205.09	2432.558
-1.764	2.275		0.608	10	-1206.12	2432.559
-1.441				9	-1207.15	2432.561
-0.972		1.158	0.625	11	-1205.09	2432.562
-0.833	-1.273		0.294	9	-1207.15	2432.565
-4.24				10	-1206.13	2432.573
-3.231	-1.69			11	-1205.1	2432.576
		1.494		7	-1209.21	2432.576
-0.985			0.475	10	-1206.13	2432.587
-1.384			0.278	11	-1205.1	2432.587
-7.366		-0.905	0.193	12	-1204.07	2432.589
-6.491	-1.131		0.356	12	-1204.08	2432.605
-6.615	-1.37		0.34	12	-1204.08	2432.609
-2.763	1.963		0.54	10	-1206.15	2432.611
-6.395	-1.105		0.355	12	-1204.08	2432.614
		0.38	0.508	11	-1205.13	2432.635
-1.055	-1.343			9	-1207.19	2432.637
	0.907		0.52	11	-1205.13	2432.642
-5.303				9	-1207.2	2432.654
-5.637				11	-1205.14	2432.67
	-14.295	6.488		12	-1204.12	2432.684
		1.215		8	-1208.24	2432.684
-1.246				9	-1207.21	2432.686
-1.04		0.093		9	-1207.22	2432.69

-1.14	0.215			9	-1207.22	2432.69
-0.805	0.188		0.531	10	-1206.19	2432.694
-1.046			0.483	10	-1206.19	2432.698
	1.036		0.539	11	-1205.16	2432.709
-1.842			0.375	10	-1206.2	2432.723
	0.674		0.484	11	-1205.17	2432.729
-1.688				8	-1208.26	2432.735
0.008		1.166		8	-1208.27	2432.739
-0.792			0.409	10	-1206.21	2432.747
-8.485	-2.353	-0.653		12	-1204.15	2432.748
-2.855	-0.386			11	-1205.18	2432.748
				10	-1206.22	2432.755
		1.115	0.674	10	-1206.22	2432.756
-7.658	-3.099			12	-1204.16	2432.766
-1.633	0.342			9	-1207.25	2432.767
	3.899	0.409	1.042	11	-1205.2	2432.775
1.05		2.086	0.823	9	-1207.26	2432.786
-1.489		0.062		9	-1207.27	2432.791
-0.25		0.897	0.603	10	-1206.24	2432.799
-0.907	-1.085	0.317		9	-1207.27	2432.804
				8	-1208.3	2432.807
	-0.545	1.25	0.684	10	-1206.25	2432.814
			0.698	9	-1207.28	2432.818
		1.403		8	-1208.31	2432.82
	-1.101			8	-1208.31	2432.831
		1.058	0.649	10	-1206.26	2432.832
0.706	5.483		1.247	11	-1205.22	2432.832
	-0.573	1.467	0.657	10	-1206.26	2432.835
1.078		2.064	0.823	9	-1207.29	2432.839
-3.688		1.373	1.088	11	-1205.23	2432.845
-0.146			0.4	11	-1205.23	2432.849
-3.883			0.383	8	-1208.32	2432.854
	0.585		0.665	10	-1206.27	2432.859
-2.474				11	-1205.24	2432.865
-5.084	-0.885			10	-1206.27	2432.867
-5.033		0.736	0.634	11	-1205.24	2432.868
-6.834	-2.033	-1.405		11	-1205.24	2432.87
			0.407	11	-1205.24	2432.872
-5.526				8	-1208.33	2432.872
-4.345	10.996	-4	1.477	13	-1203.17	2432.878
	4.386		1.023	11	-1205.25	2432.878
	2.913	1.327	1.136	11	-1205.25	2432.881
		1.676	0.76	8	-1208.34	2432.882
-4.358		1.123		9	-1207.31	2432.889
		2.666	0.9	9	-1207.32	2432.898
	4.265		1.041	11	-1205.26	2432.898
0.22		1.085	0.653	10	-1206.29	2432.905
-0.472	2.877	0.63	0.908	11	-1205.26	2432.909

-3.345		1.465	0.535	10	-1206.3	2432.912
	-0.556	1.211	0.667	10	-1206.3	2432.918
		0.976	0.673	11	-1205.27	2432.926
-0.516			0.506	10	-1206.3	2432.927
-2.824	-1.166	0.788		10	-1206.32	2432.95
-0.861	-1.308			9	-1207.35	2432.954
		0.878		9	-1207.35	2432.956
-0.212		0.38	0.51	11	-1205.29	2432.97
-3.462				9	-1207.36	2432.97
	2.507	1.572	1.137	11	-1205.31	2432.997
	-0.561	1.305	0.681	10	-1206.35	2433.008
		1.521	0.456	8	-1208.4	2433.009
-0.699	2.361	0.728	0.838	11	-1205.31	2433.011
-0.716	-1.043	0.35		9	-1207.39	2433.045
-0.72	-0.761			9	-1207.39	2433.047
-2.888	-1.672			10	-1206.36	2433.048
				8	-1208.42	2433.056
			0.671	8	-1208.43	2433.069
		0.749		6	-1210.48	2433.071
0.299	0.442		0.658	10	-1206.38	2433.072
		1.57		8	-1208.44	2433.086
	0.565			10	-1206.39	2433.105
	-0.925			8	-1208.45	2433.108
			0.59	10	-1206.4	2433.11
-4.121			0.296	9	-1207.43	2433.113
-0.681				9	-1207.43	2433.123
	1.324	1.534	0.972	11	-1205.37	2433.133
-1.724				11	-1205.38	2433.143
-2.242			0.366	10	-1206.42	2433.149
-0.902	2.766		0.703	11	-1205.39	2433.155
-1.897		-0.205		11	-1205.39	2433.157
-2.086	-0.211			11	-1205.39	2433.166
	-0.519	1.272	0.65	10	-1206.43	2433.171
0.636	0.286	1.564	0.78	10	-1206.43	2433.173
	-0.145	1.414	0.7	10	-1206.44	2433.189
-0.01	-0.763	0.999	0.557	10	-1206.44	2433.192
		0.631		9	-1207.48	2433.214
		0.698		9	-1207.48	2433.219
-0.138		0.402		9	-1207.48	2433.227
-2.915			0.38	10	-1206.46	2433.235
-0.616	3.311		0.898	11	-1205.43	2433.237
	0.49			10	-1206.46	2433.244
		0.817		9	-1207.5	2433.253
		-0.516		10	-1206.47	2433.26
	-0.116	0.585		9	-1207.5	2433.263
	0.891		0.834	9	-1207.5	2433.264
-0.348		3.169	1.333	10	-1206.47	2433.264
-0.596	-1.199			7	-1209.55	2433.267

0.126	-0.722	1.057	0.578	10	-1206.48	2433.278
		1.482	0.416	8	-1208.54	2433.281
	0.511			10	-1206.48	2433.283
-1.813	4.225		0.733	9	-1207.51	2433.284
		0.548		9	-1207.51	2433.287
-2.153		0.822		10	-1206.49	2433.298
-0.738	-1.22	0.478		9	-1207.53	2433.317
-2.44		0.248	0.397	10	-1206.5	2433.321
-1.348	2.264		0.608	11	-1205.47	2433.323
	0.134	0.962		9	-1207.54	2433.333
		-0.329		10	-1206.51	2433.342
-1.682		-0.567		10	-1206.52	2433.362
	0.709	0.123		10	-1206.53	2433.384
	-3.767	3.151	0.6	12	-1204.47	2433.391
-1.042	-1.628		0.21	9	-1207.57	2433.393
1.298		1.607	0.781	10	-1206.54	2433.404
		2.974	1.294	10	-1206.55	2433.418
		2.989	1.291	10	-1206.55	2433.421
-2.603		0.527		10	-1206.55	2433.421
	0.076	3.162	1.344	10	-1206.55	2433.424
-0.588		0.391		9	-1207.59	2433.431
		3.005	1.293	10	-1206.56	2433.433
	-4.661	0.991		12	-1204.49	2433.44
				10	-1206.56	2433.445
0.388	-0.596	1.3	0.633	10	-1206.56	2433.445
-2.13		0.867	0.58	9	-1207.59	2433.445
0.418	-0.571	1.339	0.644	10	-1206.57	2433.451
-2.003			0.264	9	-1207.6	2433.456
			0.472	9	-1207.6	2433.459
-0.436	-1.007	0.553		9	-1207.61	2433.488
-2.994		1.26		9	-1207.61	2433.488
-6.2			0.617	11	-1205.57	2433.515
-1.314			0.366	10	-1206.6	2433.516
	2.304	1.715	1.143	11	-1205.57	2433.521
	-1.178		0.41	9	-1207.63	2433.526
0.959	2.069	2.59	1.406	11	-1205.58	2433.537
		1.523		8	-1208.67	2433.541
-6.061		0.138		10	-1206.61	2433.544
1.426		1.268	0.866	11	-1205.58	2433.552
		-0.031		10	-1206.62	2433.553
	-0.838	1.101	0.544	10	-1206.62	2433.565
		1.567		8	-1208.68	2433.572
0.555		2.052	0.919	12	-1204.56	2433.573
-3.047		0.446		8	-1208.68	2433.573
-1.645	-1.915			9	-1207.66	2433.576
		0.539	0.895	12	-1204.57	2433.589
				9	-1207.67	2433.59
-6.06				10	-1206.64	2433.592

-1.287	0.538			10	-1206.65	2433.613
		1.729	0.789	12	-1204.58	2433.615
-0.653	-1.394		0.242	9	-1207.68	2433.619
			0.768	8	-1208.71	2433.63
0.028		1.565		8	-1208.71	2433.636
		1.553		8	-1208.71	2433.637
		1.556		8	-1208.72	2433.638
	-8.404	3.859		12	-1204.6	2433.652
-1.42		0.984	0.529	11	-1205.63	2433.652
-1.092	-1.643			9	-1207.7	2433.654
		1.519	0.345	8	-1208.72	2433.655
		1.512	0.345	8	-1208.73	2433.663
		2.217		7	-1209.76	2433.673
-0.846	-0.071			9	-1207.71	2433.675
-2.556	-0.95			10	-1206.68	2433.679
-3.415				9	-1207.71	2433.683
			0.515	10	-1206.69	2433.69
-1.415	2.266		0.693	11	-1205.66	2433.703
-2.73	-0.511			10	-1206.69	2433.706
-1.259	-9.094	4.441		12	-1204.63	2433.707
-7.616	1.469	-2.048	0.304	13	-1203.59	2433.707
1.021	0.91		0.645	11	-1205.67	2433.713
				8	-1208.75	2433.714
-0.981		2.663	0.637	9	-1207.73	2433.716
	1.132	2.883	1.474	12	-1204.64	2433.727
				9	-1207.73	2433.729
		1.609	0.749	9	-1207.75	2433.753
0.579		0.917	0.725	11	-1205.69	2433.755
-2.578				10	-1206.72	2433.755
-3.801	-0.178			9	-1207.75	2433.763
-5.865		0.492		10	-1206.72	2433.765
-4.618				10	-1206.72	2433.765
-5.063	-0.778			9	-1207.75	2433.767
		-0.511		10	-1206.73	2433.77
0.645	1.521	1.539	1.023	12	-1204.66	2433.775
1.072	1.864	1.789	1.18	12	-1204.66	2433.779
0.996	1.632	1.589	1.084	12	-1204.67	2433.791
-6.424	-3.138			11	-1205.7	2433.792
-0.648	-2.617			8	-1208.8	2433.801
-3.646	-1.676			8	-1208.8	2433.81
	-0.706	0.767		9	-1207.78	2433.814
				7	-1209.83	2433.819
-0.637	2.036		0.606	10	-1206.75	2433.82
		0.695	0.401	7	-1209.83	2433.821
	-1.373		0.34	12	-1204.68	2433.822
		1.836		8	-1208.81	2433.825
-2.428	-1.481		0.138	10	-1206.75	2433.826
	-0.095	-0.512		10	-1206.75	2433.826

-0.211	-1.432	0.826		9	-1207.78	2433.828
				9	-1207.78	2433.828
-0.677	-1.431			9	-1207.79	2433.831
	1.193	1.295	0.861	12	-1204.69	2433.832
-4.467		-0.142		9	-1207.79	2433.833
-2.174	0.754			9	-1207.79	2433.834
-3.332	-2.887	1.69		10	-1206.76	2433.836
0.053		-0.53		10	-1206.76	2433.837
	-0.62			9	-1207.79	2433.839
				11	-1205.73	2433.847
-1.886		2.375		8	-1208.82	2433.856
-4.042				9	-1207.8	2433.861
		2.216	0.726	9	-1207.8	2433.863
				9	-1207.8	2433.866
-1.299		-0.549		10	-1206.77	2433.867
	-1.557			11	-1205.74	2433.869
	-0.132			9	-1207.81	2433.872
		2.316	0.79	9	-1207.81	2433.875
				9	-1207.81	2433.887
-10.709	-8.413		-0.958	12	-1204.72	2433.889
0.406		1.595		8	-1208.84	2433.896
	-0.27	2.272	0.703	9	-1207.82	2433.901
		1.961	0.905	11	-1205.76	2433.901
1.206	0.689	2.984	1.387	11	-1205.76	2433.904
-8.053		-1.807	0.14	13	-1203.7	2433.923
-0.278		2.386	0.965	11	-1205.78	2433.933
		0.733		9	-1207.84	2433.934
			0.511	9	-1207.84	2433.935
-0.866	0.187	-0.612		11	-1205.78	2433.939
-3.738	-0.125			8	-1208.87	2433.942
-5.378	-1.227	-0.11	0.576	12	-1204.75	2433.951
-2.442	-0.806	1.649	0.342	10	-1206.82	2433.954
-0.797		-0.575		11	-1205.79	2433.955
	-10.594	4.216		13	-1203.71	2433.956
	-1.151			6	-1210.92	2433.957
-8.566	0.582	-2.485		13	-1203.72	2433.961
	-0.016	2.322	0.979	11	-1205.79	2433.963
-0.362				10	-1206.82	2433.963
		2.13	1.044	11	-1205.79	2433.969
1.645	0.933	3.033	1.427	11	-1205.79	2433.97
	-0.728	0.832		9	-1207.86	2433.973
-4.13				8	-1208.88	2433.976
	-0.721	0.943		9	-1207.86	2433.987
	-0.771	0.921		9	-1207.87	2433.997
	-0.941	1.012		9	-1207.87	2434.009
0.372		2.418	1.134	11	-1205.81	2434.013
-1.865	2.881		0.603	10	-1206.85	2434.013
	-0.983	1.024		9	-1207.88	2434.014

	-0.698	0.987		9	-1207.88	2434.014
	-0.959	1		9	-1207.88	2434.018
	0.202			10	-1206.85	2434.018
	-1.257	0.999		9	-1207.88	2434.022
-2.187	2.737		0.569	10	-1206.85	2434.028
	-1.148	1.005		9	-1207.89	2434.031
	0.215			9	-1207.89	2434.032
-3.451				8	-1208.91	2434.032
	-0.667	1.009		9	-1207.89	2434.034
		0.64		9	-1207.89	2434.035
	-0.707	0.982		9	-1207.89	2434.035
	1.852	0.823	0.847	12	-1204.79	2434.036
		2.058	0.865	9	-1207.89	2434.039
-1.717	-0.894	1.204	0.419	11	-1205.83	2434.041
-3.676	-1.872			9	-1207.89	2434.042
-2.164		0.001		9	-1207.89	2434.045
		2.473	0.743	9	-1207.89	2434.047
1.174	3.085	1.124	1.194	12	-1204.8	2434.058
-1.992				9	-1207.9	2434.059
-3.34	-1.56	1.129		10	-1206.87	2434.06
		0.502	0.576	11	-1205.84	2434.061
		-0.844		11	-1205.84	2434.062
-0.973	0.526			10	-1206.87	2434.067
-4.128	-0.672	1.009		10	-1206.87	2434.067
-0.022	-0.211			10	-1206.87	2434.068
-1.527			0.293	9	-1207.91	2434.087
-0.792	1.976	0.727	0.752	11	-1205.86	2434.095
				8	-1208.95	2434.1
-0.138	-0.672	0.964		9	-1207.92	2434.106
-2.122			0.257	11	-1205.86	2434.108
	-0.148	2.414	1.112	11	-1205.86	2434.109
-6.755	-3.813			10	-1206.9	2434.109
	11.481		2.592	12	-1204.83	2434.113
			0.489	9	-1207.93	2434.121
		0.858		9	-1207.93	2434.125
		0.111		11	-1205.87	2434.126
		1.389	0.621	9	-1207.93	2434.127
	-0.696	1.029		9	-1207.94	2434.131
				9	-1207.94	2434.142
0.909		2.421	1.129	11	-1205.88	2434.148
0.305		1.647		8	-1208.98	2434.163
		0.948		9	-1207.95	2434.167
-2.084	-2.096	0.434		9	-1207.96	2434.176
0.296			0.487	11	-1205.9	2434.178
	2.023	1.108	0.882	11	-1205.9	2434.183
	-1.342		0.527	8	-1208.99	2434.185
	-0.495			9	-1207.96	2434.186
-1.027				7	-1210.01	2434.186

-0.542			0.352	10	-1206.94	2434.188
-0.138		1.042	0.697	11	-1205.91	2434.202
-7.142	-6.247	1.492	-0.188	12	-1204.88	2434.208
	1.944	1.042	0.841	11	-1205.91	2434.21
		0.922		9	-1207.98	2434.211
		0.996		9	-1207.99	2434.232
-5.172			0.311	9	-1207.99	2434.235
	3.698	1.217	0.995	9	-1207.99	2434.243
-2.079		1.691	0.459	10	-1206.96	2434.245
-1.052		2.635	0.764	10	-1206.97	2434.249
-3.309	-1.243	1.033		10	-1206.97	2434.255
-2.879	-2.555			9	-1208	2434.256
-0.049		2.329	0.748	10	-1206.97	2434.257
		1.047		9	-1208	2434.261
2.714	2.624	2.53	1.639	12	-1204.91	2434.263
-0.968	-1.349		0.235	10	-1206.97	2434.263
	-1.524			8	-1209.03	2434.269
		0.593		9	-1208	2434.269
-8.577	-1.645	-1.295	-0.063	13	-1203.87	2434.274
		3.271	1.088	10	-1206.98	2434.275
	-1.058		0.334	9	-1208.01	2434.278
			0.607	9	-1208.01	2434.279
-3.409	0.456	-0.367		10	-1206.98	2434.28
-2.931		-0.218		10	-1206.98	2434.283
-4.926		0.594		10	-1206.98	2434.287
-1.942	1.279			9	-1208.01	2434.289
0.196		1.325	0.791	11	-1205.95	2434.29
0.216	1.953	1.062	0.844	11	-1205.95	2434.291
				9	-1208.02	2434.292
0.871		2.063	1.012	11	-1205.95	2434.292
1.208		1.438	0.859	12	-1204.92	2434.294
-4.56		1.33	0.91	12	-1204.92	2434.3
	-0.626	-0.154		11	-1205.96	2434.302
0.273		1.62		8	-1209.05	2434.303
0.247		1.602		8	-1209.05	2434.307
-0.851	-0.371	0.296		10	-1206.99	2434.308
	-2.863			12	-1204.93	2434.31
	-1.128			9	-1208.03	2434.311
-0.209	-0.374			11	-1205.96	2434.311
-1.064		0.205		10	-1207	2434.318
-8.584	-2.102	-1.194	-0.068	13	-1203.89	2434.319
-6.469	-5.237	1.48		12	-1204.94	2434.327
-3.294		-0.323		10	-1207.01	2434.33
-2.557	0.117			10	-1207.01	2434.332
-2.468				10	-1207.01	2434.333
		1.323	0.663	8	-1209.07	2434.342
	-1.228		0.601	8	-1209.08	2434.36
-2.572	-1.548			12	-1204.95	2434.362

	-1.219		0.451	7	-1210.1	2434.362
-4.769				9	-1208.05	2434.367
-4.903		-0.112		9	-1208.05	2434.367
-5.054			0.203	10	-1207.03	2434.369
				8	-1209.08	2434.369
-1.324	0.035			10	-1207.03	2434.372
	-1.247			7	-1210.11	2434.375
		1.924	0.877	9	-1208.06	2434.377
-1.696	2.44			8	-1209.09	2434.393
	-5.08	1.889		11	-1206.01	2434.408
		1.569		7	-1210.12	2434.41
	3.115	0.51	0.957	12	-1204.98	2434.41
-1.374	0.173	0.067		10	-1207.05	2434.412
0.96	0.189	2.413	1.13	11	-1206.02	2434.433
-3.007	0.138			10	-1207.06	2434.433
		0.01		11	-1206.03	2434.434
-3.688	-2.395			9	-1208.09	2434.435
	0.499		0.653	10	-1207.06	2434.442
-4.434	-0.898			11	-1206.03	2434.449
-1.823		1.52	0.844	11	-1206.03	2434.451
-1.118		0.547	0.418	12	-1205	2434.456
-2.263	1.979		0.565	11	-1206.04	2434.461
	2.086		0.873	9	-1208.1	2434.463
	0.173			9	-1208.1	2434.465
	-1.261			11	-1206.04	2434.466
	-0.809	1.665	0.645	9	-1208.11	2434.486
	20.529	-4.247	3.098	13	-1203.98	2434.487
	-0.247	0.369	0.499	11	-1206.05	2434.489
-5.314	-3.093			9	-1208.12	2434.497
-0.767	-1.315		0.259	10	-1207.09	2434.498
0.943	0.118	2.282	1.092	11	-1206.06	2434.503
-4.999				9	-1208.12	2434.505
-2.46	-2.469		0.055	9	-1208.13	2434.513
		1.137		9	-1208.13	2434.516
-0.863	0.499		0.38	12	-1205.03	2434.52
-0.518	1.321		0.525	12	-1205.03	2434.521
		1.337		8	-1209.16	2434.528
-1.062			0.293	12	-1205.04	2434.536
	-1.294			5	-1212.23	2434.537
			0.601	10	-1207.11	2434.539
-3.286				10	-1207.11	2434.544
				7	-1210.19	2434.548
	2.443		0.736	12	-1205.05	2434.553
	-1.202			9	-1208.15	2434.554
-2.75	-0.295			11	-1206.09	2434.562
-1.525	0.429			10	-1207.13	2434.57
-2.711		-0.132		11	-1206.09	2434.571
		1.085	0.571	9	-1208.16	2434.571

0.091	2.967		0.82	12	-1205.06	2434.574
-1.644		-0.205		10	-1207.13	2434.577
	-1.166	0.749		10	-1207.13	2434.578
-1.46			0.43	11	-1206.1	2434.581
-2.968	1.917		0.564	11	-1206.11	2434.594
	18.774	-5.127	2.388	12	-1205.07	2434.601
		0.971		7	-1210.23	2434.611
-1.617	2.058		0.562	11	-1206.11	2434.612
-2.451	1.95	0.23	0.59	11	-1206.12	2434.618
-5.444	0.782		0.709	13	-1204.04	2434.619
	0.868	-0.876		11	-1206.12	2434.626
-3.231		0.619		10	-1207.16	2434.637
		0.681		7	-1210.24	2434.639
	-0.672	0.977		7	-1210.24	2434.642
		0.918		7	-1210.24	2434.649
-1.699	-1.479			12	-1205.1	2434.652
-2.86	-1.375	0.556		11	-1206.14	2434.668
-0.954	-1.254	0.135		10	-1207.18	2434.669
-0.549	-1.346			6	-1211.28	2434.676
		2.243	0.921	10	-1207.18	2434.678
	5.481		1.059	10	-1207.18	2434.682
		3.342	1.047	10	-1207.19	2434.69
	0.352	1.991	0.871	9	-1208.22	2434.692
-2.759		1.273	0.688	10	-1207.19	2434.696
	-1.458			8	-1209.25	2434.7
-1.32	0.303			10	-1207.2	2434.722
-0.036		1.199		9	-1208.24	2434.731
				5	-1212.32	2434.733
-1.167		0.069		10	-1207.21	2434.738
-1.076	0.162	0.07		10	-1207.21	2434.742
-0.915	0.136		0.514	11	-1206.19	2434.755
		1.473		6	-1211.32	2434.758
	-2.264			9	-1208.25	2434.761
-1.851		-0.142		9	-1208.25	2434.762
-3.147			0.179	10	-1207.22	2434.768
		1.956	0.83	9	-1208.26	2434.78
	0.316	3.12	1.031	10	-1207.23	2434.782
	-0.309			9	-1208.26	2434.783
-1.669				9	-1208.26	2434.785
			0.377	10	-1207.24	2434.79
		0.847		7	-1210.32	2434.795
-0.796		0.75	0.558	11	-1206.21	2434.805
0.485	4.599	0.341	1.163	12	-1205.18	2434.806
				8	-1209.3	2434.806
	0.631	0.905		7	-1210.32	2434.807
		1.692	0.787	9	-1208.27	2434.808
-4.147		1.05		10	-1207.25	2434.814
	3.774	0.669	1.097	12	-1205.18	2434.816

	-0.829	0.883		7	-1210.33	2434.823
-1.635	0.344	-0.002		10	-1207.25	2434.825
0.821	5.39		1.261	12	-1205.19	2434.836
-4.826	-0.843	0.268		11	-1206.23	2434.843
-5.007	-2.393			10	-1207.26	2434.847
		1.423		9	-1208.3	2434.853
				9	-1208.3	2434.855
	-0.282		0.659	10	-1207.27	2434.859
-0.218		0.632		7	-1210.35	2434.86
-2.466		1.989		9	-1208.3	2434.861
-4.186			0.396	9	-1208.31	2434.875
-2.656	-0.802	0.738		11	-1206.25	2434.881
				9	-1208.31	2434.884
	2.061		0.68	10	-1207.28	2434.885
-3.969	-0.007		0.392	9	-1208.32	2434.894
1.094		2.061	0.733	8	-1209.34	2434.897
0.605	5.09		1.17	12	-1205.23	2434.909
-3.375	-0.193	1.395	0.478	11	-1206.27	2434.92
		1.041		10	-1207.31	2434.934
-2.889	-1.817	0.996		11	-1206.28	2434.94
-2.423	0.515	1.218	0.718	10	-1207.31	2434.942
		2.754	0.904	10	-1207.31	2434.942
-4.89	-0.916		-0.027	11	-1206.28	2434.943
-0.321	2.777	0.843	0.96	12	-1205.25	2434.947
-0.479	-1.224		0.223	8	-1209.37	2434.954
-0.528	-0.665	0.302		10	-1207.32	2434.958
-4.383	10.882	-3.983	1.462	14	-1203.17	2434.96
-3.387		1.504	0.554	11	-1206.29	2434.961
-0.74	-1.186	0.192		10	-1207.32	2434.963
	2.347		0.708	10	-1207.32	2434.964
			0.577	9	-1208.35	2434.969
-3.451		1.387	0.513	11	-1206.29	2434.969
-2.125	1.299	-0.904		11	-1206.3	2434.973
		1.373		7	-1210.41	2434.974
	-2.439			7	-1210.41	2434.979
	-1.296			7	-1210.41	2434.982
		1.023		10	-1207.34	2434.99
-3.241		0.394	0.409	10	-1207.34	2434.991
		0.613		10	-1207.34	2435.006
	-1.135			7	-1210.42	2435.006
0.754		1.122		9	-1208.37	2435.009
-1.647	3.86		0.653	10	-1207.35	2435.015
-0.518				6	-1211.45	2435.022
-0.378	2.489	1.16	1	12	-1205.29	2435.023
	0.59	-0.382		11	-1206.32	2435.023
-3.463	-0.003			10	-1207.36	2435.029
	-1.17	1.331		8	-1209.41	2435.031
	-1.061	0.553		6	-1211.46	2435.041

		1.58		9	-1208.39	2435.048
		1.362		8	-1209.42	2435.056
-3.13		0.781		10	-1207.37	2435.066
-1.534		2.32	0.561	10	-1207.38	2435.073
		0.768		7	-1210.46	2435.081
	-0.335			9	-1208.41	2435.085
	1.996	1.598	0.949	10	-1207.38	2435.086
	0.651			11	-1206.36	2435.099
-2.973	-1.685		-0.031	11	-1206.36	2435.107
		1.139		8	-1209.45	2435.113
-0.946	-0.628	2.486	1.067	11	-1206.37	2435.114
	2.548	1.316	0.91	10	-1207.4	2435.118
	-0.405	1.717		8	-1209.46	2435.122
-3.93	-0.096		0.284	10	-1207.41	2435.141
-1.32		2.071		9	-1208.44	2435.144
	-1.347			8	-1209.47	2435.146
-0.684	0.311			10	-1207.42	2435.158
-4.06			0.295	10	-1207.43	2435.169
-0.649		0.064		10	-1207.43	2435.177
-2.495			0.381	11	-1206.4	2435.179
-0.524	-1.247			8	-1209.49	2435.182
	1.46	2.812	1.363	11	-1206.4	2435.186
				8	-1209.49	2435.191
-1.742		-0.14		12	-1205.37	2435.195
-2.025	-0.178	-0.181		12	-1205.37	2435.2
	2.231	1.46	0.892	10	-1207.45	2435.215
	-1.232		0.588	8	-1209.51	2435.22
	0.859	0.901	0.446	8	-1209.51	2435.225
	-0.896	0.764		7	-1210.53	2435.231
	-0.639	0.548		10	-1207.46	2435.235
-1.186	-1.51	0.455		10	-1207.46	2435.244
	-1.453			6	-1211.56	2435.248
-0.89				8	-1209.53	2435.259
-1.376		0.507	0.379	10	-1207.47	2435.26
-1.464	4.22	0.27	0.793	10	-1207.47	2435.266
	0.077	0.627		10	-1207.47	2435.267
	-1.639			8	-1209.53	2435.269
		0.649		10	-1207.48	2435.272
	0.044	0.706		10	-1207.48	2435.276
	0.577	-0.072		11	-1206.45	2435.283
-1.19	-6.191	2.685		13	-1204.38	2435.293
	0.028	0.821		10	-1207.5	2435.311
-4.313	-1.943		-0.318	10	-1207.5	2435.311
-1.447	-2.454			8	-1209.55	2435.313
-2.324		0.698		11	-1206.47	2435.322
	2.359		0.707	10	-1207.5	2435.323
			0.757	8	-1209.56	2435.323
		-0.515		11	-1206.47	2435.324

	-1.647			10	-1207.5	2435.324
-1.787	1.698	-1.118		11	-1206.48	2435.342
		1.767		8	-1209.58	2435.359
-0.734	-1.251	0.453		10	-1207.52	2435.367
	0.344	3.217	1.424	11	-1206.5	2435.386
-1.362	-1.818		0.182	10	-1207.54	2435.39
	0.333	3.25	1.404	11	-1206.51	2435.395
	-4.165	2.934	0.471	13	-1204.44	2435.406
-1.011	-1.643		0.195	10	-1207.55	2435.427
	-0.65	1.409		8	-1209.61	2435.428
0.919	-0.258	1.451	0.714	11	-1206.53	2435.433
-2.1		2.369		9	-1208.59	2435.437
-3.447		0.605		9	-1208.59	2435.439
		1.936		7	-1210.64	2435.441
	6.173		1.346	11	-1206.53	2435.441
		1.768		9	-1208.59	2435.448
			0.443	6	-1211.67	2435.45
-0.544	-0.387	0.432		10	-1207.57	2435.457
	1.147		0.913	9	-1208.6	2435.462
	1.993	2.12	1.249	12	-1205.51	2435.472
		3.055	1.326	11	-1206.55	2435.474
		3.091	1.322	11	-1206.55	2435.475
1.248		3.599	1.295	10	-1207.58	2435.477
0.073	-2.896	2.858	0.66	13	-1204.47	2435.479
		2.964	1.301	11	-1206.55	2435.482
-0.502	2.068		0.552	11	-1206.55	2435.483
-1.496	2.258			9	-1208.61	2435.484
		1.614	0.791	10	-1207.59	2435.503
	-1.222		0.378	10	-1207.59	2435.504
0.178		1.565		9	-1208.62	2435.508
-0.431	-1.079	0.485		10	-1207.6	2435.509
-2.024			0.268	10	-1207.6	2435.512
1.482		2.321	0.738	8	-1209.65	2435.516
				9	-1208.63	2435.518
-4.638	-3.537	0.775		10	-1207.6	2435.52
		0.872	0.371	8	-1209.66	2435.526
0.509		1.733		7	-1210.68	2435.53
				10	-1207.61	2435.53
	-1.488		0.351	9	-1208.63	2435.53
		2.19		8	-1209.66	2435.531
	-1.457		0.391	9	-1208.64	2435.539
-8.566	-6.389		-0.488	11	-1206.58	2435.544
0.438	2.251	2.119	1.272	12	-1205.55	2435.554
		1.395		8	-1209.67	2435.554
-0.595	-1.434		0.209	10	-1207.62	2435.564
	-1.35		0.46	9	-1208.65	2435.569
		1.452		9	-1208.66	2435.574
-5.967		0.257		11	-1206.6	2435.577

			0.428	10	-1207.63	2435.587
1.583		1.54	0.952	12	-1205.57	2435.597
0.085		1.6		9	-1208.67	2435.599
		2.074		8	-1209.7	2435.602
0.908	2.134	2.501	1.384	12	-1205.58	2435.605
-3.087	0.04	0.465		9	-1208.68	2435.622
	-1.144			7	-1210.73	2435.629
				10	-1207.66	2435.632
-1.598	-1.897			10	-1207.66	2435.633
-4.334	-0.324	-0.376		10	-1207.66	2435.634
-0.64		-0.656		11	-1206.63	2435.635
	0.093			10	-1207.66	2435.641
-3.52	-0.597			10	-1207.66	2435.643
0.538		2.094	0.928	13	-1204.56	2435.646
		0.81	0.362	8	-1209.72	2435.656
		1.646	0.388	9	-1208.7	2435.662
-1.349	-1.673	0.911	0.35	10	-1207.67	2435.664
-4.948	-0.633		0.16	10	-1207.68	2435.669
-2.459	-2.05	0.623		10	-1207.68	2435.674
	-1.096	2.353	0.792	10	-1207.68	2435.677
	1.815		0.805	10	-1207.68	2435.684
0.05		1.58		9	-1208.71	2435.684
0.024		1.563		9	-1208.71	2435.688
-1.188		1.275	0.626	12	-1205.62	2435.692
		0.383		10	-1207.69	2435.695
	-1.458	0.979		8	-1209.74	2435.696
	0.73	-0.68		11	-1206.66	2435.699
				7	-1210.77	2435.701
		2.169		8	-1209.75	2435.714
	-1.375	1.347	0.396	9	-1208.73	2435.716
-0.741				7	-1210.78	2435.722
-2.609	-0.68			11	-1206.67	2435.722
-3.487			-0.045	10	-1207.7	2435.725
-3.906	-1.685		-0.138	9	-1208.73	2435.726
-4.542			0.108	11	-1206.67	2435.726
		0.665	0.353	8	-1209.77	2435.745
-4.675		0.241		11	-1206.68	2435.746
		-0.454		12	-1205.65	2435.761
	0.126			9	-1208.75	2435.764
	-0.838	0.61		10	-1207.73	2435.771
		1.707	0.782	10	-1207.73	2435.78
-0.59	-2.528		0.102	9	-1208.76	2435.784
		0.748	0.372	8	-1209.79	2435.785
		1.968	0.705	10	-1207.74	2435.79
-2.669	-1.22	1.461	0.264	11	-1206.7	2435.79
-0.884			0.26	8	-1209.79	2435.791
-2.376		1.141	0.386	11	-1206.7	2435.792
-3.603	-1.133			9	-1208.77	2435.793

	-2.161		0.399	8	-1209.8	2435.802
	-0.584			10	-1207.74	2435.807
		1.628	0.762	10	-1207.74	2435.807
	0.602			10	-1207.75	2435.812
-2.89	-2.196	1.745	0.17	11	-1206.72	2435.815
-0.608	-2.599			9	-1208.78	2435.819
		0.669	0.429	8	-1209.81	2435.821
-2.184	0.983			10	-1207.75	2435.823
-4.354		-0.297		10	-1207.75	2435.823
	-1.569			9	-1208.78	2435.827
	-1.346		0.534	8	-1209.81	2435.831
	0.196			8	-1209.81	2435.833
-2.506	1.041	-0.182		10	-1207.76	2435.833
-3.704	-2.183			10	-1207.76	2435.842
		0.281		10	-1207.76	2435.842
0.77	1.691	1.698	1.103	13	-1204.66	2435.842
		1.532		7	-1210.84	2435.848
0.044		0.716	0.421	8	-1209.83	2435.86
	0.334			10	-1207.77	2435.86
0.975	1.663	1.641	1.102	13	-1204.67	2435.862
	-1.207			7	-1210.85	2435.864
	-0.738	0.769		10	-1207.78	2435.873
-0.227	-1.416	0.843		10	-1207.78	2435.875
-3.317	-3.347	1.928		11	-1206.75	2435.876
		2.866	1.165	10	-1207.78	2435.88
-0.032	-0.128	-0.514		11	-1206.75	2435.889
	-0.54			10	-1207.79	2435.894
		2.284	0.819	10	-1207.79	2435.898
-3.33	-2.943	1.726		11	-1206.76	2435.899
		2.233	0.755	10	-1207.79	2435.9
-9.764	-7.905	0.455	-0.75	13	-1204.69	2435.903
	0.314	2.185	0.753	10	-1207.79	2435.906
	-0.518	0.618		10	-1207.8	2435.911
	-0.117	2.271	0.756	10	-1207.8	2435.915
	2.741	1.866	1.157	11	-1206.77	2435.916
-1.673	2.655	0.404	0.651	11	-1206.77	2435.922
-0.649				7	-1210.88	2435.926
	-1.35			8	-1209.86	2435.926
1.027				8	-1209.86	2435.93
	-0.359	2.237	0.691	10	-1207.81	2435.945
	-1.169		0.234	10	-1207.81	2435.945
	0.946	2.59	1.163	10	-1207.82	2435.953
-0.995	-0.515	1.652	0.639	12	-1205.75	2435.953
-1.577	3.042	0.3	0.689	11	-1206.79	2435.954
	-1.353		0.304	6	-1211.92	2435.957
	2.205	2.321	1.194	11	-1206.79	2435.968
1.132	0.64	2.959	1.375	12	-1205.76	2435.974
	-0.815	0.74		10	-1207.83	2435.976

		0.499		10	-1207.83	2435.986
				6	-1211.93	2435.987
			0.498	10	-1207.84	2435.989
-0.445	0.375			11	-1206.8	2435.99
		2.236	0.506	8	-1209.89	2435.997
	-0.745	0.932	0.282	8	-1209.9	2436
-2.246	-0.675	1.826	0.42	11	-1206.81	2436.003
-0.949	0.299	-0.648		12	-1205.78	2436.006
0.815		1.934		7	-1210.93	2436.013
-0.586				7	-1210.93	2436.013
	-0.824	0.67		7	-1210.93	2436.014
-1.804				7	-1210.93	2436.022
0.948		2.056	0.839	9	-1208.88	2436.026
-3.31			0.09	9	-1208.88	2436.027
-1.09		0.346	0.371	10	-1207.85	2436.027
	-0.627	0.799		10	-1207.86	2436.029
-1.69	3.508		0.696	11	-1206.82	2436.031
-0.241		2.006	1.005	12	-1205.79	2436.032
	-0.687	-0.734		12	-1205.79	2436.033
	2.132		0.579	11	-1206.83	2436.038
	-0.838	0.951		10	-1207.86	2436.041
-1.95	1.727	1.35	0.964	12	-1205.8	2436.045
	-0.722	0.943		10	-1207.86	2436.045
	-1.111	1.072		10	-1207.87	2436.049
1.643	3.346	1.767	1.447	13	-1204.76	2436.051
	-0.204	1.953	0.821	10	-1207.87	2436.053
	-0.809	0.927		10	-1207.87	2436.055
	-0.928	0.987		10	-1207.87	2436.055
	-0.767	0.925		10	-1207.87	2436.055
			0.612	9	-1208.9	2436.056
-1.898	2.891		0.604	11	-1206.84	2436.064
-2.924	2.736	-1.204		10	-1207.87	2436.065
-3.353	-1.554	1.043		11	-1206.84	2436.066
	-1.047	1.052		10	-1207.88	2436.07
	-1.291		0.354	8	-1209.94	2436.079
-4.835			0.263	10	-1207.88	2436.08
	-1.262	1.004		10	-1207.88	2436.08
	-1.257			6	-1211.98	2436.086
-2.172		-0.07		10	-1207.89	2436.09
1.337		2.348	0.89	9	-1208.92	2436.092
	6.499		1.273	11	-1206.86	2436.095
-2.073	2.586		0.537	11	-1206.86	2436.098
-0.836		3.079	0.941	11	-1206.87	2436.125
-1.578			0.305	10	-1207.9	2436.126
0.761	2.166	1.58	0.861	9	-1208.94	2436.132
	-2.41			8	-1209.96	2436.135
	0.204			9	-1208.94	2436.143
		0.752		10	-1207.92	2436.154

-0.891	1.947	0.701	0.741	12	-1205.86	2436.163
-2.341	2.691	-0.502		9	-1208.96	2436.172
				6	-1212.03	2436.174
		0.847		10	-1207.93	2436.183
-2.427	1.516	-0.377		10	-1207.93	2436.183
-4.114	-2.472		-0.2	10	-1207.94	2436.198
	-0.06			10	-1207.94	2436.2
	-1.414		0.475	9	-1208.97	2436.206
-1.653		2.223	0.635	11	-1206.91	2436.211
	-0.736			6	-1212.05	2436.214
	-1.261			6	-1212.05	2436.219
-1.132		-0.094		8	-1210.01	2436.224
-2.84	-2.558		0.105	10	-1207.96	2436.231
-0.417	-1.431			7	-1211.04	2436.24
	-0.324	1.296		8	-1210.02	2436.244
	-1.191			6	-1212.06	2436.247
		0.398		10	-1207.97	2436.252
				6	-1212.07	2436.257
1.681		2.261	0.729	8	-1210.03	2436.261
		2.041		8	-1210.03	2436.262
0.857		2.34	0.791	9	-1209	2436.268
-0.804	-1.878	0.801		9	-1209.01	2436.27
	-0.374	1.789	0.787	10	-1207.98	2436.276
		2.973	1.042	11	-1206.95	2436.284
	3.824	1.263	1.028	10	-1207.98	2436.286
		1.367	0.685	9	-1209.02	2436.29
	0.273	1.483	0.751	9	-1209.02	2436.297
-0.544	-0.789			7	-1211.07	2436.297
-1.864	1.356			10	-1207.99	2436.3
-3.416	0.718	-0.521		11	-1206.96	2436.3
				7	-1211.08	2436.316
		1.724		8	-1210.06	2436.318
-3.102	0.36	-0.29		11	-1206.97	2436.318
	-0.135	3.15	1.054	11	-1206.97	2436.321
-2.794		-0.271		11	-1206.97	2436.325
		1.317		8	-1210.06	2436.328
	-1.239			6	-1212.11	2436.339
	2.089		0.78	10	-1208.02	2436.362
-0.926	-0.269	0.262		11	-1206.99	2436.37
0.196		1.451	0.688	9	-1209.06	2436.37
-5.03	-2.301		0.193	10	-1208.03	2436.371
	-1.983	0.691		11	-1206.99	2436.372
		1.378	0.684	9	-1209.06	2436.385
	-1.246	0.41		7	-1211.11	2436.386
-0.532				7	-1211.11	2436.389
-2.455	0.154			11	-1207	2436.392
				5	-1213.16	2436.4
				6	-1212.14	2436.405

	-0.999			8	-1210.1	2436.409
-0.404	-1.215	0.282		7	-1211.13	2436.416
-4.882		-0.073		10	-1208.05	2436.421
				7	-1211.13	2436.424
	-1.358		0.455	9	-1209.08	2436.427
	1.236		0.701	11	-1207.02	2436.431
-0.925	-2.277			8	-1210.12	2436.437
	-0.897	0.833	0.224	8	-1210.12	2436.442
	2.712	1	0.74	9	-1209.09	2436.445
		1.57		8	-1210.12	2436.454
-3.46	-1.638	1.201	0.527	11	-1207.04	2436.459
	-1.62			9	-1209.1	2436.462
-3.306		0.375		11	-1207.04	2436.466
-2.096	0.934	-0.475		11	-1207.05	2436.474
		1.464		6	-1212.18	2436.474
	-0.91	1.866		9	-1209.12	2436.498
-3.286			0.096	11	-1207.07	2436.525
-2.368	1.967		0.57	12	-1206.04	2436.525
-0.532	-1.297			7	-1211.19	2436.537
			0.712	8	-1210.17	2436.557
				6	-1212.22	2436.559
		3.513	1.174	11	-1207.09	2436.564
-1.543		2.04		10	-1208.13	2436.569
0.976		1.883		7	-1211.21	2436.572
		1.676		8	-1210.19	2436.58
				6	-1212.23	2436.582
-0.516	-1.322			7	-1211.21	2436.588
		0.847		8	-1210.19	2436.589
-0.651	1.116		0.487	13	-1205.03	2436.59
-3.457	-0.039			11	-1207.1	2436.592
			0.813	8	-1210.2	2436.606
	2.389		0.635	11	-1207.11	2436.607
	-1.419			8	-1210.2	2436.607
		0.802		8	-1210.2	2436.608
	0.334	0.776		8	-1210.2	2436.612
	-0.501	1.07		8	-1210.2	2436.612
				7	-1211.23	2436.613
		1.48	0.156	7	-1211.23	2436.624
-0.113		0.631		8	-1210.21	2436.625
	-1.132	0.509	0.259	7	-1211.23	2436.625
		0.636		8	-1210.21	2436.625
-2.751	-0.308	0.009		12	-1206.09	2436.633
		1.031		8	-1210.22	2436.639
-0.507	-1.326			7	-1211.24	2436.644
	-1.381			10	-1208.16	2436.646
	-0.236	0.968		8	-1210.22	2436.646
	-0.959	3.537	0.99	11	-1207.14	2436.654
0.019		0.991		8	-1210.22	2436.657

0.092	-0.606	1.073		8	-1210.23	2436.664
		0.724		8	-1210.23	2436.668
	-2.036	2.07		9	-1209.21	2436.674
-0.499		1.768	0.778	11	-1207.15	2436.675
	1.01	1.895	0.908	10	-1208.18	2436.675
0.76		1.624	0.649	9	-1209.21	2436.675
	-3.1			8	-1210.24	2436.679
				8	-1210.24	2436.679
	-0.7	0.951		8	-1210.24	2436.684
0.069		0.988		8	-1210.24	2436.687
			0.48	7	-1211.26	2436.691
-0.514	-1.355		0.066	7	-1211.27	2436.691
-0.387			0.254	7	-1211.27	2436.692
	0.87	-0.851		12	-1206.12	2436.695
	-0.027	0.916		8	-1210.24	2436.695
-0.562	-1.358			7	-1211.28	2436.713
1.546	5.881	1.113	1.653	13	-1205.09	2436.718
	6.233	-0.191	1.126	11	-1207.17	2436.718
2.026		3.545	1.339	10	-1208.21	2436.734
	1.013	0.951		8	-1210.27	2436.752
0.224	-0.69	1.109		8	-1210.27	2436.754
-2.84		1.191	0.661	11	-1207.19	2436.758
			0.464	7	-1211.3	2436.76
			0.548	7	-1211.3	2436.763
-0.602				8	-1210.28	2436.772
		1.599	0.44	8	-1210.28	2436.777
	0.522	3.133	1.104	11	-1207.2	2436.777
				8	-1210.29	2436.779
-1.299	0.288	0.016		11	-1207.2	2436.786
-0.127	0.448	0.791		8	-1210.29	2436.793
-1.878		-0.236		10	-1208.24	2436.794
-4.795	-1.85		0.138	11	-1207.21	2436.799
	0.324	0.888		8	-1210.3	2436.81
-4.212	-0.563	0.711	0.218	12	-1206.18	2436.82
-0.03		0.821		8	-1210.32	2436.841
-0.544		1.012		8	-1210.32	2436.841
0.844		1.589	0.619	9	-1209.29	2436.847
	-1.043	1.59		9	-1209.29	2436.849
0.89	-0.208	1.8	0.661	9	-1209.3	2436.85
	-0.114			9	-1209.3	2436.856
-1.59		-0.665		9	-1209.3	2436.86
	-0.851	0.861		8	-1210.33	2436.866
		1.775		9	-1209.3	2436.866
	0.577			10	-1208.28	2436.868
			0.488	7	-1211.36	2436.873
	-0.822	1.591		9	-1209.31	2436.88
-0.439				7	-1211.36	2436.89
1.56		2.285	0.882	9	-1209.32	2436.892

		3.445	0.986	9	-1209.32	2436.892
				7	-1211.37	2436.893
	2.263	0.885	0.641	9	-1209.32	2436.894
-4.938	-2.514	0.111		11	-1207.26	2436.899
0.758		1.459		7	-1211.37	2436.902
	-1.916			8	-1210.35	2436.903
-1.684			0.462	8	-1210.35	2436.906
-2.478		1.946		10	-1208.29	2436.907
				7	-1211.38	2436.913
		1.21		9	-1209.33	2436.919
		1.577		7	-1211.39	2436.944
	-0.959	0.718	0.202	8	-1210.37	2436.946
-2.865	0.325	0.853	0.581	11	-1207.29	2436.955
-0.445	-1.251		0.199	9	-1209.35	2436.957
	-0.962			7	-1211.4	2436.961
				8	-1210.38	2436.968
		0.897		11	-1207.29	2436.971
	-0.639	1.344		9	-1209.37	2437.003
	-2.6			8	-1210.4	2437.008
		1.388		8	-1210.4	2437.009
			0.5	7	-1211.43	2437.019
		1.138		6	-1212.45	2437.024
	2.347		0.708	11	-1207.32	2437.029
-3.367		1.526	0.561	12	-1206.29	2437.031
-0.792			0.198	9	-1209.39	2437.032
				7	-1211.44	2437.042
-1.925	3.758	-0.253	0.572	11	-1207.33	2437.045
				7	-1211.44	2437.048
0.812		1.093		10	-1208.37	2437.063
		1.483		9	-1209.4	2437.067
1.649				9	-1209.4	2437.068
	-1.149	1.338		9	-1209.41	2437.082
	-1.463		0.166	7	-1211.47	2437.096
-0.495				8	-1210.45	2437.098
	-0.744			9	-1209.42	2437.104
		1.375		9	-1209.42	2437.109
	-1.585	0.932	0.268	9	-1209.43	2437.11
		1.245		9	-1209.43	2437.115
	2.174	1.49	0.93	11	-1207.37	2437.118
				7	-1211.48	2437.128
	1.996	1.597	0.948	11	-1207.38	2437.15
		1.058		9	-1209.45	2437.15
0.258	-0.746	1.003		8	-1210.47	2437.155
	-0.17	1.122		9	-1209.45	2437.157
	1.677	0.848	0.533	9	-1209.45	2437.157
			0.36	7	-1211.5	2437.157
	-1.415			7	-1211.5	2437.163
-4.36	-2.226		-0.312	11	-1207.39	2437.17

	-0.421	1.699		9	-1209.46	2437.172
	-0.53		0.406	7	-1211.51	2437.173
1.034	-0.38	1.793	0.609	9	-1209.46	2437.188
	-1.422			7	-1211.52	2437.192
	-1.39			7	-1211.52	2437.206
			0.457	9	-1209.48	2437.212
-1.212	1.563	-1.149		12	-1206.38	2437.213
	-1.415			7	-1211.53	2437.22
-0.695	0.336	-0.021		11	-1207.42	2437.223
	1.517	3.01	1.458	12	-1206.39	2437.229
-0.419				8	-1210.51	2437.23
	1.639	2.92	1.429	12	-1206.39	2437.231
	-0.81		0.648	9	-1209.49	2437.232
	-0.948	0.715		8	-1210.52	2437.253
	0.979	0.947	0.478	9	-1209.5	2437.257
0.288		1.913		8	-1210.53	2437.262
1.321			0.362	9	-1209.5	2437.265
-1.434	-1.574	0.516		11	-1207.44	2437.267
0.779		1.385	0.58	9	-1209.5	2437.27
	-1.528		0.304	10	-1208.48	2437.272
	-0.989	1.295		9	-1209.53	2437.317
	-1.371			11	-1207.47	2437.317
0.388		1.703		8	-1210.56	2437.321
1.266		1.674	0.596	8	-1210.56	2437.323
-1.541	-2.495			9	-1209.53	2437.328
	0.079	0.648		11	-1207.47	2437.331
-1.487	-2.466		-0.046	9	-1209.55	2437.351
-1.456	-7.818	3.114	-0.149	14	-1204.37	2437.352
	-1.456		0.421	9	-1209.55	2437.36
-4.302	-1.918		-0.314	11	-1207.5	2437.375
-1.77				8	-1210.59	2437.381
-0.606			0.252	8	-1210.59	2437.386
				7	-1211.62	2437.408
		1.772		9	-1209.58	2437.411
	-1.411	1.246		9	-1209.58	2437.425
0.807	-0.438	3.103	1.106	11	-1207.53	2437.441
-1.367	-1.82		0.182	11	-1207.54	2437.454
	0.344	3.218	1.424	12	-1206.5	2437.456
	-0.594	1.472		9	-1209.6	2437.463
	-0.8	1.419		9	-1209.61	2437.476
		1.342		6	-1212.69	2437.493
		2.28		9	-1209.62	2437.494
		1.156		5	-1213.71	2437.514
	-2.208		0.303	9	-1209.63	2437.518
	0.509			10	-1208.6	2437.52
		2.364		9	-1209.64	2437.53
1.607	0.86	3.135	1.26	10	-1208.61	2437.534
1.492		2.398	0.748	9	-1209.64	2437.543

	-1.314		0.286	7	-1211.69	2437.543
		3.066	1.326	12	-1206.55	2437.545
-0.145	1.976	2.036	1.22	13	-1205.51	2437.546
-0.174		1.453	0.741	11	-1207.59	2437.561
		0.921	0.386	9	-1209.65	2437.567
-1.214				8	-1210.68	2437.571
				7	-1211.71	2437.577
-0.514			0.257	8	-1210.69	2437.58
		2.175		9	-1209.66	2437.583
		0.579	0.385	9	-1209.66	2437.585
	-1.423		0.414	10	-1208.63	2437.588
0.659		1.904		8	-1210.69	2437.595
			0.36	6	-1212.74	2437.596
		1.404		9	-1209.67	2437.607
-1.318	-0.566			8	-1210.7	2437.609
	-1.319		0.303	7	-1211.72	2437.61
-0.302	-1.725	0.735		9	-1209.68	2437.617
-0.869	0.792			8	-1210.71	2437.622
-2.763	1.705	-0.675		11	-1207.62	2437.626
	-1.291		0.325	7	-1211.74	2437.65
			0.31	8	-1210.72	2437.652
				6	-1212.77	2437.658
	0.302			11	-1207.65	2437.676
		0.011		11	-1207.66	2437.696
-0.456			0.247	8	-1210.74	2437.697
		0.794	0.357	9	-1209.72	2437.707
	-1.394			7	-1211.78	2437.717
			0.439	8	-1210.76	2437.727
-1.084	2.499	1.261	0.905	12	-1206.64	2437.734
	-1.259		0.283	7	-1211.79	2437.735
2.063	0.731	3.391	1.27	10	-1208.71	2437.739
-1.836		1.528	0.535	12	-1206.64	2437.739
	-0.899	0.625	0.206	8	-1210.77	2437.741
				7	-1211.79	2437.741
1.538		3.041	1.146	10	-1208.71	2437.748
0.105		0.71	0.391	9	-1209.75	2437.753
	-0.159	0.417		11	-1207.69	2437.755
	-1.54			7	-1211.8	2437.756
		1.916	0.764	11	-1207.69	2437.756
-0.916	3.089	1.132	0.974	12	-1206.65	2437.758
	-1.267			7	-1211.8	2437.758
-0.497		0.313	0.33	9	-1209.75	2437.758
			0.349	8	-1210.78	2437.764
-0.1	-1.448	1.279	0.367	10	-1208.73	2437.768
-2.086	-1.013	1.744	0.415	12	-1206.66	2437.77
-3.94	-1.785		-0.151	10	-1208.73	2437.783
		0.689	0.352	9	-1209.77	2437.792
-2.777	2.127	-0.894		11	-1207.71	2437.796

-2.465	-2.222	2.233	0.33	12	-1206.67	2437.797
	-0.574	0.328		11	-1207.71	2437.8
		2.322		8	-1210.8	2437.809
	-1.858		0.457	9	-1209.78	2437.821
-0.567	-2.525		0.09	10	-1208.75	2437.825
1.1	-0.442	1.653	0.576	9	-1209.78	2437.827
	-0.985	0.556		8	-1210.82	2437.848
-0.966	-1.843	1.071		10	-1208.77	2437.852
-2.534	-0.651	1.309	0.321	12	-1206.7	2437.858
	0.61	-0.006		11	-1207.75	2437.876
	-0.236	2.171	0.767	11	-1207.76	2437.903
-0.419	-0.913			8	-1210.85	2437.903
	-1.581	1.504	0.507	10	-1208.79	2437.903
			0.374	8	-1210.86	2437.92
-0.693	0.482			8	-1210.86	2437.923
	4.545	1.09	1.241	12	-1206.74	2437.923
-0.381			0.292	8	-1210.86	2437.928
	-1.728			9	-1209.84	2437.934
	-0.604	1.071	0.346	9	-1209.84	2437.934
			0.713	9	-1209.84	2437.936
-3.305	-3.666	2.116		12	-1206.74	2437.936
	-1.485			7	-1211.89	2437.937
-0.517				6	-1212.91	2437.939
	0.215	2.832	1.174	11	-1207.78	2437.939
			0.604	9	-1209.84	2437.95
	0.298	2.203	0.78	11	-1207.78	2437.951
				6	-1212.92	2437.956
				8	-1210.88	2437.958
1.929		3.165	1.125	10	-1208.82	2437.967
	-0.719	0.669		11	-1207.79	2437.968
		1.445		7	-1211.92	2437.996
	0.631	1.794	0.916	10	-1208.84	2438.001
0.848	2.703	1.805	1.011	10	-1208.85	2438.015
	1.636	1.349	0.837	10	-1208.85	2438.026
-0.599	0.371			8	-1210.91	2438.033
-1.119	4.496		0.9	12	-1206.8	2438.045
0.049	-0.786	0.712		8	-1210.93	2438.058
-0.301	-1.318	0.237		8	-1210.93	2438.058
0.814		1.942		8	-1210.93	2438.059
				8	-1210.93	2438.073
-0.439		2.129		9	-1209.91	2438.079
				7	-1211.96	2438.082
0.897		2.018	0.832	10	-1208.88	2438.084
	-0.966	1.002		11	-1207.86	2438.099
	-0.108		0.6	10	-1208.9	2438.112
	-0.856	0.953		11	-1207.87	2438.119
	-1.26			7	-1211.98	2438.127
				8	-1210.97	2438.143

0.611	2.489	1.476	0.871	10	-1208.92	2438.151
0.826		1.851		8	-1210.98	2438.161
	-2.603			9	-1209.95	2438.162
-0.448	-0.689		0.177	8	-1210.98	2438.17
0.81	1.899	1.646	0.85	10	-1208.93	2438.172
			0.364	9	-1209.96	2438.173
		1.735	0.83	10	-1208.93	2438.174
				6	-1213.03	2438.185
0.786	2.083	1.604	0.857	10	-1208.94	2438.188
	0.94			8	-1210.99	2438.191
-0.417	-1.389			8	-1211	2438.198
	-0.246			7	-1212.02	2438.205
	-1.017	1.432		9	-1209.97	2438.21
		1.891		9	-1209.98	2438.211
				6	-1213.05	2438.217
	-0.881			7	-1212.04	2438.236
-0.406	-1.41			8	-1211.02	2438.238
	-0.97			7	-1212.04	2438.239
	-1.258	0.406	0.167	8	-1211.02	2438.244
	-1.246			7	-1212.05	2438.258
	-0.387	1.238		9	-1210	2438.263
-0.441	-1.461			8	-1211.03	2438.27
-0.404	-1.419			8	-1211.03	2438.272
	1.531			9	-1210.01	2438.282
				8	-1211.04	2438.283
	-1.185			7	-1212.06	2438.284
-0.411	-1.432		0.013	8	-1211.04	2438.286
	1.997		0.653	8	-1211.04	2438.288
		1.962		9	-1210.02	2438.296
1.663		2.229	0.725	9	-1210.02	2438.309
-2.967	0.659	-0.457		12	-1206.93	2438.318
	-3.267	2.773		10	-1209	2438.321
				8	-1211.06	2438.321
				8	-1211.06	2438.322
-0.866				7	-1212.08	2438.329
-1.061				7	-1212.09	2438.332
-0.791	1.375			9	-1210.04	2438.335
		1.201		9	-1210.04	2438.336
0.118	0.256	1.55	0.76	10	-1209.01	2438.347
	3.528		0.696	10	-1209.02	2438.354
				8	-1211.07	2438.355
-0.314	-1.216	0.32	0.131	8	-1211.08	2438.371
	0.877	0.802		9	-1210.06	2438.373
				7	-1212.12	2438.406
-0.502				8	-1211.1	2438.416
0.175		1.47	0.698	10	-1209.05	2438.426
				6	-1213.15	2438.429
-1.662			0.415	9	-1210.09	2438.435

	-1.694	2.028		10	-1209.06	2438.44
		1.628	0.323	8	-1211.12	2438.443
	-0.827	0.907	0.256	9	-1210.1	2438.451
		1.17		7	-1212.15	2438.454
			-0.047	8	-1211.13	2438.458
	2.662	0.934	0.711	10	-1209.07	2438.461
-0.985	-2.319			9	-1210.1	2438.464
	-1.189	3.769	1.118	12	-1207.02	2438.484
-0.929	-2.277		-0.005	9	-1210.11	2438.49
		1.531		7	-1212.17	2438.497
		1.464	0.011	7	-1212.18	2438.514
-3.659	-1.66	1.014	0.464	12	-1207.03	2438.516
				7	-1212.18	2438.527
	-0.876	1.946		10	-1209.1	2438.528
-0.479	-1.306		0.096	8	-1211.16	2438.529
			0.432	7	-1212.18	2438.529
			0.346	8	-1211.16	2438.53
	-0.772		0.267	8	-1211.17	2438.54
				7	-1212.19	2438.544
	-0.956	1.829		10	-1209.12	2438.549
			0.331	8	-1211.17	2438.556
0.929		1.773		8	-1211.18	2438.564
			0.388	8	-1211.18	2438.571
-0.468	-1.333		0.086	8	-1211.19	2438.591
				7	-1212.22	2438.6
-0.515			0.182	9	-1210.17	2438.607
-0.281	-0.437	0.923		9	-1210.18	2438.621
		0.905		9	-1210.18	2438.624
			0.594	8	-1211.21	2438.629
-0.336			0.229	8	-1211.21	2438.63
1.8			0.29	10	-1209.16	2438.639
-0.026		0.814		9	-1210.19	2438.64
	0.022	0.845		9	-1210.19	2438.641
-0.074	0.248	0.719		9	-1210.19	2438.644
	1.406			9	-1210.19	2438.645
	-0.539	1.028		9	-1210.19	2438.646
-0.26		0.448		9	-1210.19	2438.647
-0.459	-1.336		0.083	8	-1211.22	2438.651
				8	-1211.22	2438.653
	0.166	0.803		9	-1210.2	2438.654
-0.266		0.902		9	-1210.2	2438.654
	0.145			8	-1211.22	2438.654
	0.463	0.767		9	-1210.2	2438.655
			0.431	8	-1211.22	2438.656
-0.027		0.77		9	-1210.2	2438.66
	-2.949	2.534		10	-1209.17	2438.662
-0.833	2.128		0.483	9	-1210.2	2438.662
	-0.401	1.056		9	-1210.2	2438.662

	1.308		0.655	8	-1211.24	2438.68
-1.064				9	-1210.21	2438.681
2.266	0.61	3.141	1.202	10	-1209.19	2438.69
0.044	-0.281	1.015		9	-1210.22	2438.694
				9	-1210.22	2438.699
				9	-1210.22	2438.703
	-1.944			8	-1211.25	2438.707
0.091	-0.634	1.047		9	-1210.23	2438.712
	0.483		0.634	8	-1211.26	2438.73
0.09	-0.129	1		9	-1210.24	2438.736
-0.522	-1.362		0.064	8	-1211.26	2438.737
	2.481		0.514	9	-1210.24	2438.737
-1.312			0.407	9	-1210.24	2438.744
1.698	-0.312	3.189	1.203	11	-1208.18	2438.748
			0.509	8	-1211.27	2438.756
0.222	-0.697	1.102		9	-1210.27	2438.807
			0.544	8	-1211.3	2438.809
				9	-1210.28	2438.825
	-0.85	1.689		10	-1209.26	2438.84
		1.551		10	-1209.26	2438.841
-0.131	0.456	0.788		9	-1210.29	2438.845
-0.709		0.872		9	-1210.3	2438.861
			0.423	7	-1212.35	2438.866
	-0.614			8	-1211.33	2438.874
	-0.429			8	-1211.34	2438.88
-1.491	-0.24		0.409	9	-1210.31	2438.885
	-1.144	1.577		10	-1209.29	2438.888
-0.566	1.063			9	-1210.31	2438.889
-1.266	-0.585			9	-1210.32	2438.895
	-1.044	1.59		10	-1209.29	2438.907
-1.487		-0.587	0.041	10	-1209.3	2438.911
-0.407			0.192	9	-1210.33	2438.911
	2.289	0.821	0.624	10	-1209.3	2438.924
		1.791		10	-1209.3	2438.924
		1.333		10	-1209.31	2438.931
				8	-1211.37	2438.939
0.739		1.454		8	-1211.37	2438.943
1.66		2.396	0.916	10	-1209.31	2438.947
	-0.276	1.228		10	-1209.32	2438.963
			0.572	10	-1209.33	2438.981
	-2.006			8	-1211.39	2438.986
	-1.423		0.175	8	-1211.39	2438.991
	-0.946	0.731	0.208	9	-1210.37	2438.997
	-1.428		0.182	8	-1211.4	2439.007
	-1.412		0.192	8	-1211.4	2439.013
		1.085		7	-1212.44	2439.044
0.429	-1.271	1.257	0.401	10	-1209.36	2439.045
	0.306		0.546	8	-1211.42	2439.047

	0.486			8	-1211.42	2439.054
	-1.401		0.165	8	-1211.43	2439.06
		1.138	-0.017	7	-1212.45	2439.062
-0.583	1.972		0.48	9	-1210.4	2439.069
-0.427	1.013			9	-1210.41	2439.071
-0.338			0.181	9	-1210.41	2439.072
				8	-1211.44	2439.094
	2.08		0.581	9	-1210.43	2439.12
		1.459		10	-1209.4	2439.124
	-1.459			8	-1211.46	2439.125
	0.501			8	-1211.46	2439.132
	-1.531			8	-1211.46	2439.132
	-1.402			8	-1211.46	2439.136
	-0.339	1.238		10	-1209.41	2439.143
	-1.523			8	-1211.47	2439.156
		1.164		10	-1209.42	2439.159
	-1.018	1.455		10	-1209.44	2439.194
0.243	-0.784	0.962		9	-1210.47	2439.2
	-0.017	1.061		10	-1209.45	2439.208
	1.716	0.814	0.526	10	-1209.45	2439.211
0.506		2.299		9	-1210.48	2439.221
	-1.63		0.326	8	-1211.51	2439.23
	-1.424			8	-1211.52	2439.239
			0.479	10	-1209.46	2439.24
	-1.392			8	-1211.52	2439.252
0.906	-0.305	1.347	0.497	9	-1210.51	2439.275
1.21		1.662	0.621	9	-1210.52	2439.297
-0.354	-1.722	0.975		10	-1209.5	2439.313
				4	-1215.65	2439.354
0.279		1.279		6	-1213.62	2439.356
-0.427	1.693		0.422	9	-1210.55	2439.361
				7	-1212.6	2439.364
		1.207		6	-1213.63	2439.371
-1.565	-2.501		-0.035	10	-1209.53	2439.378
			0.363	7	-1212.62	2439.393
				8	-1211.6	2439.401
		1.168	0.186	6	-1213.64	2439.406
	-1.552		0.409	10	-1209.55	2439.416
-0.742	2.486		0.433	10	-1209.55	2439.426
				9	-1210.6	2439.452
	0.114			8	-1211.62	2439.452
-0.331			0.304	7	-1212.65	2439.463
	-1.168	1.612		10	-1209.58	2439.472
	-1.309		0.23	8	-1211.64	2439.489
		2.36		10	-1209.59	2439.499
	-1.368		0.22	8	-1211.66	2439.519
		1.342	-0.047	7	-1212.68	2439.52
1.475	1.474	2.896	1.245	11	-1208.58	2439.539

1.327	0.886	2.94	1.23	11	-1208.59	2439.57
-0.586				7	-1212.71	2439.575
			0.33	7	-1212.71	2439.582
	-1.875			8	-1211.69	2439.582
				7	-1212.71	2439.583
	-1.432		0.222	8	-1211.69	2439.592
			0.367	9	-1210.67	2439.603
	-1.404		0.33	8	-1211.7	2439.608
-1.223	-0.115			9	-1210.68	2439.621
			0.361	7	-1212.74	2439.636
			0.257	9	-1210.69	2439.645
1.7	1.702	2.936	1.243	11	-1208.63	2439.648
			0.276	9	-1210.7	2439.664
	0.475		0.523	9	-1210.71	2439.69
	-1.305		0.337	8	-1211.74	2439.692
	-0.995	0.555	0.168	9	-1210.72	2439.703
			0.4	9	-1210.72	2439.708
	0.77	-0.359		12	-1207.63	2439.718
			0.312	9	-1210.74	2439.732
	1.18			9	-1210.74	2439.738
			0.336	9	-1210.74	2439.744
	1.006		0.507	9	-1210.74	2439.747
	-1.419			8	-1211.78	2439.763
		1.472	0.235	8	-1211.78	2439.771
			0.446	9	-1210.76	2439.777
-1.609	0.813	1.59	0.694	13	-1206.63	2439.782
1.277		2.874	1.122	11	-1208.7	2439.786
-0.682			0.321	8	-1211.82	2439.845
			0.377	8	-1211.82	2439.848
	1.153			9	-1210.8	2439.869
-0.368	-0.835		0.117	9	-1210.81	2439.879
-0.887			0.304	8	-1211.84	2439.892
0.01	-0.977	0.565		9	-1210.82	2439.9
				7	-1212.87	2439.903
-0.612				7	-1212.88	2439.917
		1.668		8	-1211.86	2439.926
-0.461				7	-1212.9	2439.952
				9	-1210.85	2439.962
	1.421	1.614	0.923	11	-1208.79	2439.963
-0.381			0.292	9	-1210.86	2439.98
	-1.554			8	-1211.89	2439.982
1.258	2.439	2.229	1.117	11	-1208.82	2440.017
				7	-1212.93	2440.02
0.326	1.737	1.518	0.872	11	-1208.82	2440.03
	2.028		0.534	9	-1210.89	2440.035
-0.453	2.374		0.444	10	-1209.86	2440.036
	2.137		0.613	9	-1210.9	2440.05
0.846		2.085		9	-1210.91	2440.079

-0.258	-1.312	0.261	0.072	9	-1210.91	2440.083
-1.161			0.334	10	-1209.89	2440.095
	1.924		0.522	9	-1210.93	2440.118
	-0.107			8	-1211.96	2440.127
	-5.431	3.892		11	-1208.88	2440.146
			0.339	10	-1209.91	2440.147
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	-2.825	2.659		11	-1208.9	2440.188
	0.965			9	-1210.98	2440.228
	2.101		0.726	9	-1210.99	2440.241
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	-1.042	1.444		10	-1209.97	2440.268
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	-0.927			8	-1212.04	2440.282
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	-3.253	2.86		11	-1208.95	2440.29
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		1.178	0.152	8	-1212.09	2440.384
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	1.571			10	-1210.04	2440.394
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Intercept	Elevation	Fragment_a	Distance_t	Distance_t	Maximum_	Connectivi	Inner_fragn	Distance_t
-2.082		0.661	16.21	0.713	-17.013	1.189	-2.113	
-1.892		0.915	10.734	0.763	-13.339	1.263		
-2.009		0.798	13.456		-15.798	1.409		-0.602
-2.016		0.836	12.802	0.728	-15.398	1.399		
-2.283			12.41	0.736	-14.183	1.599		
-2.011		0.804	13.487	0.729	-15.851	1.42		-0.593
-2.082		0.786	16.64	0.704	-17.654	1.201	-2.004	
-2.081		0.652	16.289		-16.995	1.163	-2.237	0.043
-2.107		0.663	16.223	0.704	-17.238	1.246	-1.862	
-2.101	1.353	0.655	15.953	0.722	-15.561	1.193	-1.978	
-2.079		0.662	16.196	0.716	-16.96	1.175	-2.182	0.043
-2.21			13.512		-14.665	1.554		-1.575
-1.977	4.457	0.843	10.723	0.768	-8.943	1.223		
-1.999		1.106	18.121	0.731	-18.126	0.765	-4.373	1.497
-2.004		1.07	18.023		-18.029	0.778	-4.258	1.397
-2.11	11.545	0.639	9.084	0.772		1.002		
-1.896		1.034	11.407	0.742	-14.114	1.249		
-2.218			13.547	0.739	-14.695	1.56		-1.576
-2.108	4.346	0.724	13.581	0.73	-11.677	1.394		-0.6
-2.346			14.695	0.742	-16.884	1.84		
-2.085	3.477	0.734	13.48		-12.392	1.381		-0.607
-2.081	3.497	0.777	12.626	0.731	-11.773	1.357		
-2.156	13.105	0.91	10.451	0.7		0.925		
-2.019	6.349	1.019	11.576	0.723	-8.037	1.143		
-2.137		0.693	15.687	0.717	-16.527	1.064	-2.995	1.868
-2.056	-45.494		17.617	0.742	-59.814	0.764	-12.437	15.575
-1.977	-13.47	0.897	17.401	0.741	-29.882	0.633	-7.139	6.326
-2.124		0.676	15.842		-16.612	1.08	-2.803	1.382
-2.037	-45.716		17.948		-60.216	0.757	-12.42	15.195
-2.069		0.692	13.122	0.733	-15.64	1.476		
-2.123	2.838	0.809	16.161	0.705	-14.667	1.191	-1.72	
-2.031		0.723	13.69		-15.949	1.447		-0.711
-2.305			12.426	0.74	-14.728	1.749	0.499	
-2.029		0.917	17.4	0.712	-18.012	1.061	-2.658	
-2.011		0.808	13.241		-15.656	1.402		-0.413
-1.837	-20.532	0.967	16.061	0.752	-33.917		-10.222	9.734
-2.009		0.796	13.449	-0.275	-15.781	1.405		-0.606
-2.017		0.833	12.863	0.728	-15.446	1.401		-0.035
-1.966	-13.792	0.88	17.726		-30.4	0.642	-7.09	5.97
-2.268			12.563		-14.241	1.588		-0.235
-2.32		-0.055	13.026	0.738	-14.862	1.68		
-2.295	0.685		12.426	0.738	-13.547	1.594		
-2.289			12.253	0.737	-14.094	1.602		0.169
-2.204			13.608	-1.931	-14.743	1.545		-1.591
-2.022		0.763	13.607	0.73	-15.924	1.439		-0.651
-2.083	18.414	1.308	16.214	0.713		0.988		-3.633
-2.294	3.966		13.858		-11.277	1.545		-1.491

-1.828	-20.923	0.949	16.389		-34.481		-10.241	9.462
-2.257			15.478		-16.937	1.747		-1.662
-1.87		1.302	17.106	0.742	-15.45		-6.934	3.123
-2.327	5.379		13.933	0.741	-10.025	1.543		-1.45
-2.083		0.646	16.333	-0.492	-17.003	1.156	-2.259	0.038
-1.87		1.275	16.933		-15.271		-6.834	3.046
-2.075	18.583	1.299	16.543			0.974		-4.002
-2.078	-0.189	0.653	16.33		-17.193	1.16	-2.274	0.053
-2.126	1.331	0.656	15.958	0.71	-15.8	1.25	-1.721	
-2.028		1.073	17.255	0.732	-17.448	0.748	-4.45	2.318
-2.185	12.485	0.564	10.13	0.759		1.05		-0.246
-2.43	14.248		12.228	0.767		1.36		-0.909
-2.423	17.224		16.401			1.339		-4.389
-2.229			13.862		-15.495	1.72	0.556	-1.849
-2.105	1.445	0.655	15.943	0.721	-15.503	1.205	-1.912	-0.034
-2.218	15.839	1.21	12.256	6.058		1.114		0.381
-2.022	12.839	1.208	9.921	0.713		0.821		
-2.025	1.995	1.119	17.616	0.731	-15.904	0.766	-4.069	1.449
-2.45	17.306		16.387	0.737		1.356		-4.157
-2.2		0.025	13.293		-14.438	1.526		-1.542
-2.157	12.001	0.598	9.563	0.762		1.025		
-2.152	12.008	0.582	9.838	0.768		0.979	-0.33	
-2.02		1.053	17.525		-17.635	0.767	-4.295	1.851
-2.29		0.813	15.154	6.258	-16.462	0.967	-4.69	5.829
-2.261			15.421	0.741	-16.876	1.747		-1.649
-2.001		1.09	18.079	0.407	-18.084	0.771	-4.323	1.453
-2.012	0.603	1.074	17.862		-17.349	0.777	-4.163	1.382
-1.916	-52.096		11.868	0.741	-61.367	0.727	-11.476	17.07
-2.397	13.73		11.757			1.32		-0.865
-1.905	-51.945		12.167		-61.397	0.723	-11.409	16.638
-2.049	6.25	1.15	17.525	0.725	-12.029	0.848	-2.986	
-2.165	12.08	0.565	9.799			1.013		-0.231
-1.868	-54.604		15.781	0.75	-64.886		-16.004	19.368
-2.236			13.87	0.741	-15.536	1.737	0.598	-1.863
-1.853	-54.899		16.16		-65.419		-16.015	19.04
-2.212	17.102	1.471	14.765	7.136		0.692	-2.703	1.864
-2.021	14.91	1.373	13.368	0.731		0.506	-2.125	
-2.072	12.5	1.083	9.621	0.708		0.849		0.319
-2.137	-66.807	-0.669	16.367	0.737	-78.802	0.952	-15.184	21.619
-2.198		0.039	13.118	0.738	-14.255	1.511		-1.511
-2.398	12.812		10.552	0.77		1.317		
-2.083	5.107	0.842	13.057	0.723	-10.528	1.308		-0.408
-2.346			15.793	0.737	-17.341	1.721	-0.792	
-2.131	5.128	0.714	13.69	1.319	-11.045	1.405		-0.598
-2.113	4.588	0.712	13.766	0.731	-11.569	1.399		-0.748
-2.357	15.4	0.532	12.654	4.444		1.307		-0.387
-2.119	-66.605	-0.656	16.658		-78.769	0.941	-15.103	21.136
-2.347			14.459	0.742	-16.7	1.834		0.158

-2.096	4.178	0.699	14.034		-12.09	1.396		-1.062
-2.343	-0.259		14.719	0.741	-17.157	1.845		
-2.324			14.696		-16.751	1.809		-0.255
-2.055	4.772	0.892	12.219	0.726	-10.171	1.262		
-1.98	-31.327	0.467	17.176	0.745	-46.23	0.65	-10.101	11.481
-2.075	3.84	0.787	13.255		-11.865	1.343		-0.521
-2.234	13.816	0.261	13.017			1.05		-3.407
-2.134	12.91	0.943	10.102	0.703		0.936	0.167	
-2.228			16.696	0.753	-15.981	1.13	-3.37	
-2.127	-44.367		16.706	3.088	-58.281	0.795	-12.447	16.697
-2.037	-11.976	0.945	16.414	3.376	-27.888	0.621	-7.264	7.542
-2.259	13.882	0.261	12.994	0.733		1.065		-3.188
-1.965	-32.041	0.449	17.507		-47.1	0.651	-10.149	11.245
-1.897		1.288	15.528	0.744	-14.334		-6.804	4.284
-1.882	-19.08	1.024	14.976	3.39	-31.903		-10.18	10.74
-1.817	-32.889	0.69	15.749	0.756	-45.081		-12.165	13.14
-2.285	10.656		10.262	0.768		0.846	-1.715	
-2.251			15.544	-1.835	-16.978	1.737		-1.679
-2.025	14.575	1.682	13.922	6.399			-5.089	3.286
-1.934	14.857	1.5	15.025	0.734			-4.165	
-2.255	16.185	0.482	12.79	0.742		1.669	2.981	-4.63
-2.233	16.101	0.478	12.844			1.644	2.922	-4.817
-2.201	10.055	0.365	8.648	0.699		0.833		-0.628
-2.338	3.738		15.756		-13.686	1.737		-1.581
-1.805	-34.426	0.65	16.084		-46.712		-12.377	13.179
-2.537	15.754		13.612	3.551		1.477		-1.033
-2.062	12.184	1.067	9.397			0.821		0.306
-2.126	17.927	1.324	15.191	3.116		1.044		-2.351
-2.07		0.693	13.018	0.733	-15.569	1.475		0.087
-2.055		0.687	13.374		-15.756	1.465		-0.316
-2.284			12.879		-15.029	1.751	0.55	-0.517
-2.435	16.072		14.617	0.763		1.39		-2.737
-2.037		0.697	13.753	-0.48	-15.97	1.451		-0.75
-2.282	12.017	0.213	10.247	0.753		1.107		-0.714
-2.306			12.591	0.739	-14.907	1.768	0.552	-0.112
-2.312		-0.013	12.585	0.739	-14.862	1.757	0.463	
-2.308	0.308		12.417	0.739	-14.413	1.741	0.491	
-2.375	5.214		15.851	0.743	-12.398	1.738		-1.541
-2.295		-0.045	13.057		-14.775	1.651		-0.256
-2.012		0.807	13.274	-0.039	-15.684	1.404		-0.428
-2.254			12.728	-0.442	-14.305	1.577		-0.481
-2.076	18.482	1.369	16.746	0.721		0.826	-0.935	-3.015
-1.89		1.266	15.707		-14.403		-6.718	3.925
-2.411	16.164		14.885			1.369		-3.172
-2.324		-0.056	12.859	0.739	-14.757	1.681		0.162
-2.269	0.204		12.598		-14.061	1.584		-0.287
-2.326	4.351		14.315		-12.06	1.777	0.8	-1.867
-2.324	0.19	-0.056	13.064	0.738	-14.721	1.682		

-2.102		1.135	16.151	4.323	-16.759	0.692	-5.193	4.664
-2.223			13.959	-1.93	-15.562	1.709	0.539	-1.859
-2.015	6.137	0.486	4.757	0.716		0.631		
-2.295	0.543		12.402	0.737	-13.681	1.598		0.053
-2.18	9.743	0.373	8.369			0.804		-0.6
-1.895	2.801	1.342	16.251	0.743	-12.243		-6.436	3.049
-2.218	14.11	0.468	12.221	0.767		1.137		-1.737
-2.238	1.546		13.735	-1.434	-13.418	1.544		-1.558
-2.14	-12.305		8.793		-23.348	1.709		2.692
-2.209		-0.006	13.726	-1.95	-14.864	1.557		-1.608
-2.366	5.879		14.496	0.743	-10.896	1.809	0.899	-1.877
-2.261			16.251		-17.124	1.606	-0.91	-1.277
-1.776	-59.288		10.535	0.745	-65.14		-14.795	20.387
-2.156	-12.264		8.535	0.748	-23.175	1.717		3.013
-2.08	16.997	1.268	16.041	0.711	-1.259	1.024		-3.391
-2.273	4.002	0.038	13.414		-10.781	1.492		-1.427
-1.765	-59.299		10.832		-65.341		-14.76	20.033
-2.03	-3.223	0.656	17.171	-1.594	-20.473	1.086	-2.954	0.229
-2.252	11.553	0.227	9.832			1.065		-0.673
-2.078			9.786	0.76	-9.003	0.748	-2.368	
-2.2	14.042	0.444	12.362			1.115		-2.128
-2.07	18.635	1.345	16.952			0.85	-0.719	-3.524
-1.884	1.525	1.297	16.455		-13.514		-6.554	3.004
-2.3	5.384	0.051	13.363	0.739	-9.429	1.475		-1.37
-1.87		1.298	17.083	0.64	-15.426		-6.921	3.113
-2.069	15.914	1.225	16.22		-2.375	1.042		-3.55
-2.474	18.797		17.228			1.591	0.875	-5.048
-2.409	12.937		11.269	0.713		1.148		-0.953
-2.186	12.67	0.6	9.796	0.753		1.164	0.7	-0.523
-2.507	19.072		17.335	0.738		1.634	0.96	-4.897
-2.45	17.905		16.858			1.41		-4.256
-2.244	10.719	0.241	8.791	0.753		1.049		
-2.195		0.092	13.066		-14.948	1.703	0.875	-1.857
-2.492	18.345		17.11	0.746		1.459		-3.996
-2.077	6.542	1.254	16.947	3.028	-11.297	0.736	-3.765	1.648
-2.385	17.001		16.303	-0.959		1.312		-4.649
-1.931	11.402	1.393	10.803	0.733			-3.838	2.471
-2.407	13.659		11.772	0.766		1.311		-0.926
-1.968		1.4	14.415	5.279	-13.87		-7.361	6.665
-2.431	14.33		12.183	0.768		1.392	0.14	-0.958
-2.424	17.317		16.35		0.135	1.337		-4.376
-2.039	7.098	0.385	5.466	0.757		0.814		
-2.197	14.334	1.17	12.351	5.455	-1.469	1.137		0.282
-2.045	12.72	1.209	10.68	0.722		0.564	-1.581	1.172
-2.457	18.13		16.251	0.743	0.895	1.35		-4.113
-2.212	11.422	0.533	8.176	0.689		1.243	2.113	-1.363
-2.265			16.186	0.739	-17.066	1.609	-0.889	-1.277
-2.16	12.042	0.595	9.625	0.762		1.023	-0.029	

-1.946	-52.306		11.194	2.382	-61.183	0.739	-11.584	18.006
-2.268	9.498		9.63	0.724		0.607	-1.942	
-2.38	12.462		10.835			1.113		-0.909
-2.47	14.649		13.907	0.744		1	-2.05	
-2.136	8.293	0.42	6.805	0.698		0.733		
-2.178	8.121		6.156	0.784		1.136		
-2.37	12.959		11.179			1.255		-0.899
-2.104	11.595	0.453	5.591	0.736	4.329	0.654		
-2.233	-67.893	-0.746	15.393	3.582	-79.361	1.016	-15.559	23.628
-2.399	13.738		11.784			1.318	-0.023	-0.857
-2.162	12.183	0.6	9.418			1.115	0.665	-0.491
-2.192		0.111	12.866	0.738	-14.798	1.701	0.945	-1.851
-2.196	11.105	0.531	7.978			1.199	2.012	-1.304
-2.328	4.354		16.897	0.757	-12.272	1.176	-3.127	
-2.169	17.765	1.485	15.612	5.7		0.718	-2.312	0.484
-1.874	-54.484		15.638	1.036	-64.678		-16	19.493
-2.371			15.873	0.738	-17.13	1.595	-1.657	1.026
-2.452	15.52	0.628	11.872	7.206		1.395		1.437
-2.38	12.455		10.796	0.767		1.175	-0.575	
-2.353	15.608	0.587	12.118	4.624		1.467	1.005	-0.778
-2.343			15.936		-17.104	1.592	-1.477	0.504
-2.379	12.231		10.108	0.766		1.268		
-1.926	11.083	1.362	10.501				-3.693	2.376
-2.367	12.781		12.055	0.773		0.985	-1.785	
-2.258	12.63	0.385	9.381	0.745		1.393	1.773	-1.293
-2.102	7.541	0.349	6.97	0.714		0.555	-0.946	
-2.214	6.532		10.406	0.761	-3.752	0.813	-2.052	
-2.347	-0.056		15.802	0.737	-17.425	1.727	-0.771	
-2.036	-29.183	0.508	16.365	2.88	-43.777	0.66	-9.971	12.173
-2.139	5.186	0.728	13.427	1.723	-10.847	1.405		-0.318
-2.283	13.754	0.214	12.534	0.75		1.137		-2.493
-2.253	13.732	0.226	12.689			1.104		-2.895
-2.038	12.376	1.183	10.368			0.556	-1.46	1.093
-2.329	-2.037		14.116	0.742	-18.497	1.87		0.594
-2.304	-2.329		14.315		-18.818	1.852		0.238
-1.908		0.461	13.084		-10.635		-5.732	1.833
-2.349			14.464	0.75	-16.716	1.836		0.177
-2.182	9.321	0.175	8.669	0.761		0.768	-1.241	
-2.21	13.787	0.259	13.088	-0.834		1.037		-3.656
-2.233	13.704	0.261	13.036		-0.122	1.052		-3.413
-1.972	9.642	1.571	15.286	4.505	-5.489		-5.816	3.274
-2.39	13.573	0.169	11.662	3.009		1.247		-0.844
-2.231	15.555	0.523	12.39	0.757		1.526	2.13	-3.496
-2.264	-15.443	-0.264	10.904		-28.946	2.105		3.265
-1.854	-28.639	0.799	14.977	2.674	-40.677		-11.605	12.986
-2.262	10.934	0.344	9.45	2.552		0.911		-0.705
-2.287	-15.494	-0.273	10.653	0.756	-28.915	2.128		3.68
-2.257			16.391	-1.835	-17.212	1.591	-0.951	-1.283

-2.263	14.389	0.261	12.921	0.737	0.541	1.061		-3.16
-2.619	17.504		14.455	4.275		1.765	0.916	-1.458
-1.93	13.519	1.48	15.876	0.733	-1.887		-4.52	
-1.932	14.16	1.489	14.15	0.735			-4.133	0.574
-2.215	15.658	0.506	12.554			1.546	2.345	-4.041
-2.294			18.47	0.716	-17.456	1.058	-3.824	
-2.529	14.673		12.872	3.85		1.281		-1.098
-2.225	16.405	0.514	13.13			1.657	3.136	-5.283
-2.229	15.183	0.476	13.095		-1.109	1.665	2.946	-4.919
-2.491	8.991		18.584	0.724	-9.527	1.166	-3.25	
-2.267	0.775		15.553	-1.571	-16.256	1.732		-1.656
-2.033	14.322	1.679	13.579	6.785			-5.13	3.655
-2.233	12.187	0.388	9.076			1.336	1.665	-1.222
-2.251	16.313	0.5	12.913	0.738		1.673	3.08	-4.846
-2.211	11.368	0.368	8.438	0.708	1.42	0.819		-0.545
-2.253	15.826	0.482	12.884	0.739	-0.427	1.676	2.991	-4.676
-2.245	16.141	0.481	12.794	0.456		1.659	2.967	-4.707
-2.153	-14.969		9.768		-27.413	1.918		3.265
-2.172	-15.043		9.502	0.756	-27.399	1.938		3.693
-2.162	22.83	1.477	15.372	4.312	4.51	0.948		-2.607
-2.585	16.757		14.436	3.978		1.556		-1.042
-2.478	17.495		15.435	0.762		1.604	0.752	-3.403
-2.495	15.244		13.043	0.729		1.357		-0.889
-2.336	3.47		16.109		-14.042	1.679	-0.399	-1.42
-2.516	15.974		14.014	2.913		1.462		-1.523
-2.266	4.813	0.154	12.85		-10.524	1.714	1.292	-1.839
-1.91		0.463	13.005	0.78	-10.558		-5.712	1.833
-1.824	-64.521	-0.227	11.892	0.744	-70.916		-16.277	22.02
-2.288	6.283	0.187	12.661	0.739	-9.116	1.727	1.493	-1.843
-2.062		0.691	13.183	0.382	-15.65	1.469		-0.111
-1.814	-64.773	-0.233	12.261		-71.395		-16.306	21.725
-2.449	17.455		15.617			1.565	0.696	-3.783
-2.301	1.33		13.268		-14.093	1.758	0.611	-0.834
-2.275			13.088	-0.383	-15.131	1.741	0.527	-0.73
-2.281		0.007	12.85		-14.992	1.744	0.557	-0.539
-2.43	15.953		14.538	0.762		1.378		-2.763
-2.326	1.722		13.019	0.74	-13.628	1.773	0.635	-0.503
-2.175	-10.255		11.073	0.771	-24.969	2.325	2.225	
-2.095	7.21		9.354	0.748			-3.677	
-2.31		-0.008	12.653	0.739	-14.938	1.766	0.509	-0.094
-2.314	0.223	-0.01	12.559	0.74	-14.626	1.753	0.469	
-2.279	2.476		14.165	-1.029	-13.572	1.746	0.689	-1.865
-2.303	12.992	0.532	9.259	3.551		1.445	2.535	-1.621
-2.373	5.079		15.971	0.743	-12.554	1.717	-0.146	-1.482
-2.298	-1.224	-0.068	13.006		-16.023	1.697		0.018
-2.822	20.891		17.975	5.903		1.808		-1.158
-2.286		-0.041	13.108	-0.238	-14.772	1.641		-0.38
-2.099	8.636		9.995	0.755			-2.692	

-2.398	15.809		14.589			1.343		-3.142
-2.325	-1.075	-0.076	12.803	0.739	-15.838	1.72		0.396
-2.203		0.051	13.49	-1.827	-15.203	1.689	0.686	-1.847
-2.257	0.059		12.789	-0.445	-14.309	1.581		-0.496
-2.188	10.687	0.375	8.216		1.024	0.794		-0.539
-2.039	-12.367		10.613	0.764	-24.154	1.661		
-2.149	-12.028		8.983		-23.498	1.791	0.296	2.468
-2.233	1.537	0.009	13.637	-1.405	-13.324	1.533		-1.544
-2.092			15.326		-11.616		-7.119	1.893
-2.13	-12.375		9.015	-0.456	-23.543	1.71		2.433
-1.926	14.119	1.462	14.2				-4.016	0.247
-2.169	-11.945		8.733	0.75	-23.352	1.815	0.342	2.813
-1.783	-59.271		10.346	1.21	-65.002		-14.814	20.609
-2.154	6.467		4.814	0.748		0.942		
-1.96		0.586	11.837	0.773	-10.21		-5.992	4.097
-2.467	14.707		12.589			1.312		-0.865
-2.304	9.964		8.155	0.725		1.029		
-2.075		0.01	9.706	0.76	-8.947	0.745	-2.336	
-2.374	12.031		11	0.715		0.967	-0.686	-0.663
-2.415	14.143		14.307	0.762		0.81	-3.093	
-2.418	13.9		11.039	0.76		1.568	1.457	-1.585
-2.436	14.652		11.155	0.72	1.699	1.142		-0.865
-2.198			9.202		-13.135	2.22	4.197	-3.203
-2.444	18.531		17.103	-0.64		1.553	0.809	-5.177
-2.471	18.788		17.182			1.602	0.982	-5.157
-2.472	18.616		17.264		-0.219	1.597	0.898	-5.076
-2.078	9.589	0.392	5.707	0.758	2.163	0.781		
-2.234	10.71	0.304	8.203	0.749		1.142	0.622	
-2.458	16.768		17.563		-1.884	1.481		-4.26
-1.949		0.56	12.1		-10.311		-5.931	3.645
-2.247			6.191	0.765	-10.763	2.058	3.618	
-2.512	19.586		17.236	0.742	0.586	1.625	0.94	-4.85
-2.51	19.044		17.4	0.742		1.602	0.704	-4.642
-2.162	11.175	0.416	6.754	0.716	2.768	0.722		
-2.397	14.969	0.369	11.074	3.928		1.677	2.304	-1.646
-2.332	15.153		16.531	-1.98	-1.817	1.298		-5.019
-2.433	17.718		16.747	-0.31		1.389		-4.361
-2.498	17.637		17.589	0.742	-1.216	1.507		-4.001
-2.327	12.662		9.686	0.732	2.664	0.669	-1.676	
-2.092			15.08	0.761	-11.401		-7.03	1.871
-2.254			18.514		-16.399	0.736	-5.557	0.932
-2.776	24.232		14.045	6.874	7.62	1.412		-0.84
-2.11	6.846		8.678	0.743			-3.544	0.645
-2.218	12.609	0.536	7.964	0.7	1.301	1.23	2.117	-1.285
-2.098	6.652		8.455				-3.504	0.654
-2.335	11.322		10.499			0.885	-0.87	-0.543
-2.325	15.6		6.572	0.76	6.887	0.961		
-1.947	-12.317		11.295	-6.02	-24.164	1.569		-1.583

-2.233	9.698		7.418	0.789		1.256		
-2.141	9.886		12.427	0.776			-4.759	
-2.226	10.717		6.51	0.786	2.127	1.121		
-2.384	13.276		10.544			1.508	1.413	-1.545
-2.251	9.226		9.559	0.725		0.56	-2.133	
-2.136	11.358	0.39	6.553	0.731	3.569	0.617	-0.46	
-2.405	13.717		10.891		1.106	1.118		-0.866
-2.452	14.326		13.906	0.75		0.913	-2.508	0.23
-2.41	-23.907	-0.747	12.256	0.745	-37.043	1.971	-3.061	6.877
-2.381	-23.612	-0.723	12.444		-36.797	1.943	-2.993	6.373
-2.136	8.351	0.461	6.474	0.689		0.797	0.42	
-2.202			9.135	0.764	-13.063	2.219	4.192	-3.188
-2.3	10.929		8.399	0.765		1.292		
-2.2	9.539		11.832	0.773			-5.323	1.548
-2.255			18.308	0.735	-16.239	0.744	-5.466	0.909
-2.179	9.152		11.385				-5.177	1.511
-1.918		0.36	4.218	0.767	-5.532	0.857		
-2.198	11.913	0.535	7.821		0.896	1.19	2.018	-1.251
-2.004	7.52	0.284	8.312	0.753			-1.971	
-2.006			4.313	0.789	-5.821	1.111		
-2.9			17.141	11.083	-19.162	1.594	-5.352	9.203
-2.378	15.931	0.316	9.943	4.145	4.1	0.978		-0.565
-2.732	16.195	0.682	12.235	12.993		1.295	-2.267	6.117
-1.905		0.454	13.181	-1.55	-10.722		-5.73	1.813
-2.212	-6.357		9.348	0.76	-19.401	2.151	2.521	
-2.38	12.556		11.016	0.768		1.152	-0.744	
-2.06	6.695		8.562				-3.7	0.789
-2.068	7.57		9.697	0.772			-3.702	
-2.065	8.929		10.243	0.781			-2.682	
-2.074	6.879		8.774	0.772			-3.736	0.779
-2.413	13.566		13.292			0.844	-2.564	0.287
-2.173	6.617	0.092	9.529	0.759	-3.031	0.779	-1.733	
-2.001	8.115	0.397	9.346	0.787			-3.982	1.421
-1.969			10.888	0.772	-8.494		-3.449	
-2.24			18.089	0.729	-16.474	0.888	-4.453	
-2.437	18.964	0.521	9.804	5.614	4.687	1.589	2.835	-1.569
-2.432	8.889		18.291	0.741	-8.71	0.996	-3.926	
-2.277	13.738	0.217	12.55	0.614		1.13		-2.563
-1.988	7.876	0.399	9.067				-3.894	1.403
-2.067	8.461		10.912				-3.591	-1.2
-2.428	13.281		10.787	0.741		1.313		
-2.179	12.349	0.253	13.486	-1.673	-1.624	1.045		-4.009
-2.317	-2.197		14.16	0.441	-18.628	1.86		0.454
-1.962			8.89		-6.369		-4.019	0.669
-1.902	-0.194	0.463	13.048		-10.788		-5.729	1.834
-2.456	17.053		14.088	0.755		1.84	2.497	-4.39
-2.426	16.989		14.113			1.837	2.684	-4.912
-2.734	19.272		17.641	5.222		1.439	-1.652	-0.362

-2.271	-15.386	-0.282	10.926		-28.901	2.111		3.27
-2.264	-15.436	-0.264	10.887	-0.006	-28.927	2.105		3.278
-2.291	-15.458	-0.284	10.676	0.755	-28.893	2.131		3.677
-2.018	6.555	0.2	8.12	0.746			-2.938	
-2.591	16.947		13.581	4.028		1.829	1.578	-1.757
-2.448	7.89		18.523	0.734	-9.962	1.008	-4.101	0.433
-2.041			13.888		-10.453		-6.378	1.586
-2.221	-1.734		16.56	-2.403	-18.832	1.553	-1.23	-1.212
-2.602	17.714		14.791	3.716		1.76	0.95	-1.884
-2.051	-10.11		9.537	0.759	-20.663	1.506		
-2.135	10.685		9.222	0.761	3.331		-3.588	
-2.528	14.664		12.85	3.771		1.282	0.017	-1.103
-2.083	8.355		10.733	0.756			-3.608	-0.927
-2.407	6.306		18.579		-11.293	0.948	-4.41	0.533
-2.212	16.475	0.521	13.275	-0.43		1.648	3.168	-5.543
-2.219	19.055	0.592	13.206		2.398	1.644	3.535	-6.034
-2.218	14.879	0.471	13.228	-0.38	-1.454	1.659	2.917	-5.047
-2.501	13.928		13.984	0.724	-2.275	1.447		-1.003
-2.133	-8.367	0.16	9.785	0.767	-21.937	2.172	2.41	
-2.088			15.541	-1.76	-11.816		-7.157	1.893
-1.997	8.878	0.318	10.525	0.786			-3.685	
-2.243	20.134	0.611	13.002	0.738	3.476	1.655	3.649	-5.909
-2.157	-15.014		9.711	0.115	-27.445	1.924		3.363
-2.583	16.754		14.436	3.945		1.555		-1.051
-1.927	1.144	0.456	12.792	0.781	-9.329		-5.553	1.788
-1.924		0.455	3.261	0.735	-4.343	0.652		
-2.862	23.883		17.193	6.881	3.67	1.74		-1.002
-2.079		0.739	10.392	5.844	-9.745		-6.693	7.464
-2.237			8.31		-12.735	2.239	4.172	-1.913
-2.184			9.203	-1.993	-13.086	2.194	4.149	-3.183
-2.271	5.002	0.157	12.866	0.077	-10.385	1.72	1.32	-1.846
-2.37	14.222		8.325	0.736	3.847	1.026		
-1.968			8.799	0.77	-6.28		-4.01	0.68
-1.828	-64.443	-0.225	11.775	0.98	-70.766		-16.269	22.117
-1.996			9.366	0.744	-7.227		-3.099	
-2.066			7.919	0.734	-6.945	0.492	-2.234	
-2.255			8.056	0.764	-12.641	2.254	4.182	-1.54
-2.138	2.921		14.977		-8.654		-6.811	1.84
-2.294	1.179		13.319	-0.217	-14.248	1.753	0.602	-0.91
-2.266		0.014	12.965	-0.4	-15.032	1.735	0.58	-0.769
-2.098	8.444		9.823	0.754			-2.682	
-2.096	8.056		10.11	0.754	-0.605		-2.767	
-2.022	6.169	0.23	7.414	0.741			-2.741	0.517
-2.011	5.971	0.232	7.185				-2.693	0.522
-2.128			15.542		-11.885		-7.465	2.573
-2.289	-1.311	-0.066	13.09	-0.271	-16.134	1.691		-0.114
-2.033	-12.169	0.019	10.465	0.764	-23.803	1.638		
-2.047			13.778	0.772	-10.352		-6.348	1.587

-2.144	-12.131		9.211	-0.379	-23.764	1.796	0.298	2.292
-2.157	4.171		14.58	0.766	-7.178		-6.587	1.793
-1.995			13.671	0.762	-10.191		-5.471	
-2.459	12.764		13.559		-2.917	1.411		-0.993
-2.159			15.611	0.757	-12.004		-7.667	3.042
-2.284	10.336		4.769	0.774		2.187	6.329	-3.602
-2.392	13.65		10.776	0.722	1.771	0.939	-0.749	-0.537
-2.253			18.777	-1.436	-16.583	0.72	-5.668	0.957
-2.224	1.543		8.887		-11.679	2.287	4.695	-3.384
-2.264	9.953		4.623			2.11	6.057	-3.466
-2.406	18.476		16.937	-1.558		1.613	1.5	-6.153
-2.392	16.734		17.302	-1.618	-1.734	1.535	0.791	-5.517
-2.331		-0.199	6.815	0.765	-11.342	2.179	3.645	
-2.221		-0.066	9.481		-13.368	2.259	4.217	-3.309
-2.163	11.481	0.483	6.21	0.709	2.952	0.833	0.698	
-2.024		0.583	4.346	0.785	-9.866	1.946	4.17	
-2.383	15.191		17.628	-1.594	-3.168	1.434		-4.828
-2.141	9.384		8.374	0.751	2.594		-3.474	0.758
-1.992			7.275		-5.012		-3.656	0.672
-2.893	27.181		15.036	8.015	8.622	1.702	0.874	-1.218
-2.473	18.97		17.166		0.183	1.604	1.012	-5.189
-2.352	14.972		7.933	0.765	4.584	1.148		
-1.957			9.76	0.769	-7.09		-3.855	
-2.002		0.385	6.399		-7.274	0.785		-0.61
-1.987		0.612	6.482		-11.718	2.108	4.727	-2.36
-2.295	12.499		9.489	0.74	3.126	0.555	-2.101	
-2.513	19.648		17.243	0.743	0.634	1.626	0.945	-4.856
-1.978			8.065	0.747	-5.518		-3.693	
-1.983	-11.509		11.699	-5.71	-24.522	1.806	0.822	-1.949
-2.121	8.497		8.264		1.868		-3.464	0.736
-2.269			18.635		-16.503	0.725	-5.738	1.213
-2.133	9.649		12.193				-4.84	0.123
-1.958	-11.053		10.733	-5.653	-22.254	1.487		-1.561
-2.009		0.382	6.484	0.715	-7.367	0.802		-0.621
-2.107	6.803		8.627	0.578			-3.533	0.646
-2.358	12.616		10.515		1.185	0.886	-0.872	-0.491
-1.995			7.194	0.743	-4.927		-3.668	0.695
-2.124	8.043		13.349	0.772	-2.467		-5.093	
-2.248	2.874		8.526	0.764	-10.293	2.331	5.086	-3.511
-2.241	10.647		7.193	0.789	1.213	1.207		
-2.166	9.829		12.329	0.776			-5.063	0.582
-1.95	-12.413	-0.005	11.4	-6.079	-24.362	1.581		-1.601
-2.15	8.674		10.854	0.779			-4.877	1.35
-2	7.922	0.232	8.797	0.772			-2.108	
-1.996		0.618	6.527	0.786	-11.802	2.125	4.772	-2.381
-2.027	4.711		10.933	0.774	-4.31		-3.153	
-2.136	9.753		12.276	0.777			-4.703	
-1.886		0.34	12.626	0.769	-10.01		-4.58	

-2.049	7.409		8.864	0.775			-2.574	
-2.13	8.339		10.467				-4.738	1.307
-2.1			7.805		-8.754	1.048		-0.903
-2.301			18.744	0.734	-16.616	0.713	-6.045	1.767
-1.843	-4.69	0.471	14.334	-2.949	-16.011		-6.415	1.974
-2.396	-23.794	-0.737	12.31	0.449	-36.903	1.951	-3.056	6.674
-2.212	9.731		12.06	1.306			-5.403	1.571
-2.208		-0.012	9.223	0.764	-13.163	2.234	4.217	-3.22
-2.022			5.388	0.792	-7.144	1.232		
-2.007	8.819		11.554	-3.129			-3.498	-2.254
-2.114			8.037	0.735	-8.984	1.067		-0.936
-1.946			8.882	-2.394	-6.399		-3.967	0.648
-1.994	8.092	0.326	8.757	0.762			-1.939	
-1.985		0.301	5.998	0.726	-5.84	0.503	-1.296	
-2.326	-6.824	-0.287	10.488	0.758	-20.833	2.319	2.447	
-1.908			-0.565	0.806		0.595		
-2.015			2.889	0.762	-4.152	0.9		
-1.999	8.349	0.303	8.014	0.758	0.948		-1.808	
-2.025	4.064		8.994		-2.77		-3.849	0.703
-2.06	7.644		9.82				-3.7	-0.166
-1.834	4.657	0.557	3.898	0.756				
-1.929	-10.351		8.679		-19.754	1.452		-1.161
-2.217	-10.266	-0.43	10.926	0.758	-22.033	1.744		
-2.102			13.457		-10.365		-6.741	3.097
-2.03			13.919	-2.116	-10.509		-6.322	1.55
-2.025	6.379	0.1	7.99				-3.338	0.721
-2.028	7.148	0.118	8.933	0.769			-3.26	
-1.988		0.418	4.994	0.718	-6.071	0.728		
-2.004	7.693	0.167	9.624				-2.992	-1.04
-2.041	6.621	0.098	8.266	0.77			-3.381	0.706
-2.127			13.359	0.772	-10.352		-6.884	3.568
-2.057	5.43		9.107	0.77	-1.604		-3.834	0.727
-2.064	6.753		8.629	0.051			-3.716	0.788
-1.988			8.119		-5.939		-4.049	1.651
-1.882	10.917	0.556	4.389	0.785	5.472			
-2.071	7.368		9.394	0.772			-3.7	0.289
-2.07	7.437		9.83	0.772	-0.245		-3.718	
-2.035	9.758	0.229	7.67	0.761	3.284		-2.717	
-2.093	11.06		10.714		2.59		-3.524	-1.199
-1.894			1.64				-3.304	1.4
-1.968			10.822	0.773	-8.428		-3.441	
-1.967		-0.003	10.871	0.771	-8.483		-3.441	
-1.998	8.005	0.408	9.164	0.786			-3.947	1.542
-2.005	8.199	0.397	9.438	1.043			-3.997	1.418
-2.001			13.95	-6.814	-13.265	1.146		-5.432
-2.003			7.784	0.769	-5.727		-4.051	2.002
-2.017	7.593	0.176	9.428	0.754			-2.972	-0.787
-1.987	8.066	0.381	9.367				-3.872	1.1

-2.178			11.944		-13.563	1.453		-1.067
-2.116	11.454		10.542	0.77	3.058		-3.545	-0.935
-1.979		-0.057	9.275		-6.579		-4.239	0.695
-1.901			1.661	0.788			-3.327	1.409
-2.428	13.602		10.64	0.741	0.481	1.295		
-2.621	14.245		18.429	3.448	-4.823	1.282	-2.744	-0.04
-2.48	17.196		14.152	1.239		1.854	2.412	-4.108
-1.967	6.136	0.332	11.832	0.781	-3.65		-4.137	
-1.95		0.183	8.223	0.742	-6.556		-2.552	
-2.004			11.595	0.749	-9.255		-3.542	
-2.183			11.868	0.74	-13.479	1.453		-1.06
-2.065	1.442		13.751		-9.03		-6.237	1.568
-2.272	-15.401	-0.284	10.947	-0.022	-28.936	2.114		3.264
-1.883	5.392	0.89				1.445	4.707	-1.267
-2.108	-4.397		10.222	-3.468	-17.379	2.01	2.762	-2.699
-2.112	42.616	2.193	11.739	8.099	27.676			-3.597
-2.071			10.097		-10.441	1.111		-2.655
-2.041			15.539	-2.867	-11.691		-6.809	1.018
-2.031	8.911	0.266	6.717	0.753	3.03		-2.482	0.616
-2.342		-0.263	9.285		-13.573	2.391	4.199	-2.059
-2.263		-0.23	10.185	-2.435	-13.829	2.309	4.148	-3.53
-1.991		0.343	8.298		-8.742	0.867		-1.964
-2.211	18.588	0.581	13.324	-0.33	1.902	1.643	3.485	-6.091
-1.972			12.6	0.771	-9.39		-4.929	
-2.06			7.959		-7.028	0.499	-2.17	-0.04
-2.089	-0.079		15.611	-1.803	-11.94		-7.199	1.907
-2.096			5.762	0.743	-7.033	0.997		
-2.291	12.351		6.606			2.424	7.461	-6.049
-2.017	8.193	0.263	6.612		2.46		-2.478	0.603
-2.358		-0.246	8.999	0.763	-13.518	2.417	4.261	-1.681
-2.212			8.705	-1.116	-12.878	2.213	4.149	-2.468
-1.967	-6.754		7.538		-14.684	1.211		-1.208
-1.839	1.28	0.451				0.527		0.467
-1.983		-0.043	9.16	0.77	-6.491		-4.196	0.699
-2.047			7.81	0.737	-6.467	0.394	-2.606	
-2.105	3.109		13.739	0.774	-7.473		-6.171	1.583
-2.31	12.267		6.353	0.771		2.442	7.463	-5.641
-2.149			18.753	-3.962	-16.594	0.824	-4.345	-1.407
-1.908	0.521					0.621		-0.129
-2.069			8.021	0.733	-7.115	0.516	-2.144	-0.055
-1.902					-0.589	0.653		-0.09
-1.828		0.729	14.104	0.741	-11.838		-4.85	
-1.989	-3.541	0.447	7.979		-15.509	1.993	3.472	-2.19
-2.141	2.627		15.007		-8.967		-6.902	1.993
-1.766		0.402					-1.182	0.917
-1.996			2.94	0.784	-3.366	0.742		
-2.092	8.145		9.812	0.752	-0.264		-2.693	
-2.016	6.056	0.232	7.281	0.503			-2.712	0.52

-1.956		0.254	11.799	-5.691	-11.397	0.955		-4.37
-2.019	-6.286				-9.218	1.164		4.676
-1.944		0.173	6.366		-4.575		-3.071	0.61
-1.959	32.283	1.734	11.309	0.708	19.147			-4.563
-1.967			8.207		-5.61		-3.689	-0.171
-2.167	3.119		14.854	0.763	-8.436		-6.943	2.307
-2.02	-8.332		9.863		-20.87	2.055	2.128	-2.127
-2.056			5.565	0.771	-7.439	1.21		
-1.962			3.239		-3.379	0.725		-0.784
-2.032		0.592	5.615	0.786	-11.275	2.114	4.649	-1.033
-2.087			9.876	0.737	-10.315	1.12		-2.398
-2.358	10.869	-0.184	5.362	0.773		2.296	6.483	-3.917
-2.001		0.353	7.91	0.717	-8.46	0.861		-1.643
-1.935	-9.962		8.164	0.789	-18.866	1.427		-1.071
-2.016		0.594	5.846		-11.377	2.107	4.657	-1.389
-2.173	5.718		1.631	0.779		1.51	3.492	
-2.307	10.723		4.938	1.424		2.26	6.592	-3.738
-1.938		0.149	7.266	0.744	-5.169		-3.16	
-2.342	10.493	-0.203	5.25			2.222	6.196	-3.796
-1.984			7.182	-1.116	-4.945		-3.628	0.672
-1.95		0.173	6.381	0.741	-4.572		-3.094	0.622
-2.268	1.897	-0.118	9.259		-11.645	2.351	4.784	-3.584
-2.036	-10.845	-0.25	11.66	-6.046	-22.702	1.596		-1.931
-1.858			1.663				-3.398	1.486
-1.982		0.605	6.489	-0.948	-11.718	2.105	4.722	-2.359
-2.166	10.353		8.553	1.716	3.35		-3.508	0.786
-2.399	17.573		17.189	-1.62	-0.952	1.575	1.139	-5.864
-1.915			0.168	0.796	-0.806	0.678		
-1.977	-9.726	0.125	10.848	-4.934	-22.42	1.812	1.346	-1.966
-1.996		0.384	6.355	-0.545	-7.219	0.771		-0.605
-1.962		-0.022	9.921	0.77	-7.182		-3.936	
-1.889						0.385	-1.491	0.921
-2.002		0.376	6.444		-7.234	0.766	-0.098	-0.579
-1.995	-2.474	0.504	7.532	0.779	-14.374	2.031	3.86	-2.243
-1.897						0.462	-0.465	0.017
-1.837		0.435			-1.206	0.55		0.427
-2.081	9.477		12.133	-1.569			-4.498	-0.699
-2.055			16.513	-6.513	-16.35	1.41		-5.294
-1.935	1.382					0.763		0.357
-1.982			7.929	0.746	-5.42		-3.706	0.125
-1.857	7.093	0.498			5.564	0.397		0.629
-2.166			9.441	0.748	-11.427	1.38		
-1.915	0.475		-0.115	0.797		0.633		
-1.889	-8.838	0.198	7.559		-17.165	1.259		-0.92
-1.971			3.205	0.785	-3.337	0.728		-0.779
-2.123	9.336		11.798				-4.721	0.226
-2	5.531	0.139	9.836	0.771	-2.858		-2.653	
-1.95	31.311	1.689	11.254		18.359			-4.619

-1.934		0.29	11.046	0.752	-9.321		-2.946	
-1.979					-1.225	0.694		1.746
-2.008		0.382	6.467	0.715	-7.315	0.789	-0.041	-0.6
-2.294	3.275	-0.107	8.92	0.764	-10.292	2.408	5.231	-3.728
-2.029	5.205		9.885	0.773	-2.886		-2.932	
-2.105	7.513		12.946	0.774	-2.655		-4.925	
-1.868			1.686	0.809			-3.418	1.492
-2.149	9.326		11.701	0.778			-4.881	0.73
-1.869			1.046	0.787			-1.097	
-2.013	7.506	0.147	8.601	0.773			-2.25	
-1.898			-0.583			0.592		0.013
-1.908							-2.652	4.296
-1.848					1.1		-2.676	1.4
-1.786	8.957	0.573			7.66			0.679
-2.134			13.102		-14.105	1.43		-2.482
-1.934						0.31		-0.234
-1.968	8.162	0.128	10.456	-2.817			-3.06	-1.967
-2.151	8.721		10.897	0.736			-4.86	1.332
-1.978	-6.046		7.059	0.775	-13.462	1.167		-1.155
-2.096			7.82	-0.643	-8.764	1.043		-0.907
-1.882	20.696	1.564	5.077	0.701	12.941			
-1.832			1.877	0.808			-2.935	
-1.853		0.605			-2.876	0.98	1.977	-0.34
-1.844		0.219	1.112				-2.622	1.258
-1.908			-0.106	0.803		0.495	-0.37	
-1.871	3.713	0.68				1.075	2.743	-0.532
-2.012	8.177		10.687	-2.457			-3.568	-1.436
-1.839								-0.102
-1.939	-5.347		14.637	-3.936	-16.007		-6.838	1.603
-1.822	5.652	0.618	4.733	0.771				
-1.975		-0.098	9.666	-2.468	-6.871		-4.355	0.683
-1.982	1.969		8.988	-1.628	-4.69		-3.905	0.664
-1.801							-1.128	0.808
-2.011	9.058		11.391	-2.978	0.343		-3.484	-2.168
-1.916	12.027	0.591	4.309	0.767	6.626			
-2.017	10.163	0.188	9.232		2.585		-2.833	-1.036
-1.939			9.066	-2.651	-6.506		-3.966	0.44
-1.844	5.332	0.542	4.611					-0.141
-1.925					-1.297	0.778		0.314
-1.988		0.324	5.849	0.723	-5.965	0.555	-1.003	
-1.897			9.99	-4.953	-6.826		-3.62	-1.873
-1.988	7.38	0.327	9.101	0.761	-0.953		-2.052	
-1.86	11.318	0.573	3.494	0.789	6.711			
-1.908			-0.551	0.804		0.599		
-1.853	5.519	0.545	4.799	0.761				-0.162
-1.851		0.22	1.134	0.785			-2.647	1.268
-2.013	7.262	0.117	9.136				-3.234	-0.327
-1.911			-0.547	0.807		0.586		

-1.973	2.484					1.154	1.977	-0.799
-1.865	5.495	0.829				1.528	4.698	-1.233
-1.908			-0.575	0.806		0.598		0.01
-1.906		0.009	-0.565	0.806		0.59		
-1.91	11.424	0.487	3.6	0.775	6.871			
-1.979			13.078	-6.343	-11.586	0.835	-1.15	-4.468
-1.847	5.097	0.553	4.33	0.758				
-2.038	5.405		9.39		-1.801		-3.8	0.35
-2.017	4.254	0.036	8.761		-2.472		-3.7	0.685
-1.882	-6.036		2.474	0.801	-9.653	1.105		
-1.836	-1.118						-2.61	1.346
-1.865	10.851	0.575	3.376	0.785	6.322			0.2
-1.865								-0.182
-1.83	4.725	0.552	3.958	0.762				
-2.035	10.637	0.201	8.953	0.77	3.185		-2.8	-0.755
-2.027	28.54	0.681	9.926		18.804			-5.946
-1.825		0.324				0.229	-1.378	0.953
-2.04			9.676		-8.612	0.651	-1.763	-1.623
-2.066			13.708	-1.184	-10.468		-6.524	2.342
-1.964	0.903					0.612		1.151
-2.21		-0.595	4.567	0.782	-4.742	1.028		
-2.013					-2.61	0.977		3.346
-1.883			2.269			-0.201	-3.946	1.565
-2.031	8.032	0.142	8.621	0.769	1.044		-3.135	
-2.024	6.419	0.102	8.015	-0.063			-3.314	0.707
-2.039	-7.776		9.614	0.793	-20.323	2.114	2.396	-2.178
-2.035	7.126	0.109	8.919	0.768			-3.324	0.118
-1.953						0.331		-0.33
-2.042	28.729	0.691	9.659	0.767	19.142			-5.65
-1.886			1.617	-1.119			-3.275	1.39
-2.016		-0.082	8.738		-6.311		-4.366	1.699
-2.032	5.637	0.078	8.504	0.769	-1.067		-3.494	0.685
-1.898	1.496					0.829		0.43
-2.149			12.726	0.74	-13.846	1.43		-2.147
-1.826	-5.07	0.362	2.853	0.789	-8.989	0.897		
-1.836			-0.076	0.787				
-1.857	10.454	0.571	3.344		5.983			0.19
-1.82	1.374	0.399				0.599		0.499
-2.059	5.585		9.163	0.771	-1.503		-3.826	0.686
-1.956			-0.502	0.758		0.534		
-1.921						0.442		-0.354
-1.901			1.598				-3.315	1.543
-1.892			1.65				-3.371	1.452
-1.829		0.383					-1.602	1.98
-2.029	7.848	0.466	8.679	2.468			-4.155	2.621
-1.884	9.472	0.729			5.431	0.969	2.846	-0.422
-1.783	1.705	0.589				0.563		0.76
-1.966	1.47		1.108	0.792		0.585		

-1.891			2.245	0.784		-0.187	-3.92	1.561
-1.941	1.455		1.256			0.576		-0.475
-1.939	-4.849	0.265			-7.397	0.915		3.97
-1.973		-0.021	10.842	0.772	-8.405		-3.478	
-2.037		-0.086	8.491	0.77	-6.173		-4.42	2.124
-1.884					-1.422	0.854		0.391
-1.827		0.514			-2.979	1.084	1.923	-0.275
-1.917			1.525	0.784			-3.325	1.784
-2.169			11.843	-0.796	-13.457	1.44		-1.055
-1.898	6.147	0.942	0.315	0.778		1.554	5.204	-1.494
-1.853						0.408	-1.577	1.01
-1.9			1.667	0.789			-3.374	1.447
-1.917		0.359			-2.256	0.712		2.942
-2.194			4.641	0.822	-12.047	2.758	5.736	
-1.926			0.995	0.803			-3.493	3.53
-2.102		-0.453	4.995		-4.666	0.925		-1.439
-1.727		0.466					-1.624	1.316
-2.052			9.316	0.736	-8.322	0.635	-1.811	-1.274
-1.892	-8.398	0.222	7.077	0.781	-16.257	1.225		-0.829
-1.91			1.079				-3.471	3.238
-1.83		0.647	-0.46	0.77	-2	0.816	1.472	
-1.91		0.535			-4.073	1.216	2.267	1.749
-1.925		0.7	2.721		-6.381	1.307	3.093	-1.217
-2.178	-4.459	-0.209	11.126	-3.829	-18.121	2.115	2.752	-3.012
-1.869	1.483	0.478				0.502		1.107
-1.871	5.253	0.863				1.452	4.642	-1.545
-1.893	4.98	0.822				1.363	4.347	-1.199
-1.814		0.376			-1.317	0.637		0.463
-2.041	14.262		1.621	0.77	11.89			
-1.935		0.704	2.838	0.744	-6.574	1.345	3.171	-1.262
-1.951	1.474		1.288	0.793		0.581		-0.484
-1.795		0.311			0.5		-1.869	1.157
-1.891	5.88	0.924	0.231			1.504	5.015	-1.415
-1.908	2.121	0.4				0.623		2.481
-1.879	4.58	0.846			-0.469	1.385	4.329	-1.137
-2.014	-3.882				-6.187	0.975		3.689
-2.045					-2.908	1.138	1.305	2.074
-2.004	2.405					0.891		2.662
-1.851		0.264					-2.239	3.382
-1.816	1.618	0.701	-1.315	0.78		0.84	1.915	
-1.821	2.743	0.812				0.51		3.062
-1.946			3.355	-2.286	-3.487	0.716		-0.799
-1.909	0.798					0.681		0.027
-2.308		-0.258	9.716	-1.361	-13.706	2.357	4.172	-2.718
-2.044	9.418	0.267	6.806	1.463	3.425		-2.491	0.627
-1.918					-1.337	0.872	0.673	-0.269
-2.049			7.832	-0.965	-6.85	0.468	-2.225	0
-2.255	12.623		7.222	-1.74		2.4	7.519	-7.019

-1.881			-0.076	0.757				
-2.067	3.307					1.239	2.321	0.719
-2.047	0.793		15.288	-2.712	-10.748		-6.637	0.911
-1.884							-1.781	2.369
-1.993			2.466		-3.095	0.736		0.473
-1.891		0.275	-0.498	0.771		0.422		
-1.746		0.379					-1.215	0.949
-1.99	-8.072				-9.986	0.871	-1.209	5.473
-1.991		0.358	8.28		-8.889	0.91	0.202	-2.053
-2.352	12.754	-0.154	7.083			2.504	7.548	-6.252
-1.937			-0.619	0.783		0.551		
-2.01	-6.374	-0.141	7.85		-14.455	1.248		-1.391
-1.783	-0.357	0.339					-1.645	1.07
-2.008			2.175	0.783	-2.947	0.742		0.839
-1.974	6.466				4.844	0.672		0.506
-1.965			-1.353	0.802		0.629		2.055
-1.744	0.829	0.529						0.497
-2.015	-9.952				-13.029	1.268		5.343
-1.796		0.895			-2.985	0.566		3.591
-1.902					-0.738	0.687		-0.004
-2.364	12.602	-0.137	6.749	0.77		2.512	7.529	-5.786
-1.944			-1.201			0.614		1.657
-1.924						0.223	-2.516	3.525
-1.812	7.006	0.449			6.516		-1.047	1.035
-1.832		0.3	-0.162	0.768				
-1.933		0.143	7.185		-5.064		-3.197	-0.011
-1.776		0.58			-1.647	0.599		0.732
-1.907	0.522	0.003				0.62		-0.127
-1.907	0.52				-0.001	0.621		-0.129
-2.091	8.865				4.951	1.413	4.05	-1.845
-1.893		0.044			-0.61	0.637		-0.062
-1.811		0.428	-1.197			0.478		0.601
-1.933		0.178	6.194	-1.197	-4.47		-2.981	0.595
-2.01					-1.896	0.815		2.669
-2.101		-0.418	4.824	0.783	-4.52	0.91		-1.383
-1.99		-0.314				0.509		-0.393
-1.895						0.436		-0.869
-1.888	4.879				5.448		-2.335	1.402
-1.865			1.599				-2.883	1.087
-1.957		0.285	11.715	-5.674	-11.626	1.028	0.378	-4.515
-1.843			1.634	-1.745			-3.367	1.48
-1.833	10.72	0.631			9.346			0.696
-1.801		0.482					-2.583	3.212
-1.906	3.916	0.468				1.288	3.259	-0.97
-1.862		0.224						-0.095
-1.818		0.43	-1.202	0.795		0.487		0.604
-1.815					1.065		-2.673	1.44
-1.854	-11.288				-10.327		-3.927	6.102

-1.883		0.168	0.479	0.793	-1.134	0.622		
-1.924						0.389	-0.702	0.897
-1.804		0.597	0.038	0.797	-2.601	0.927	1.455	
-1.908	13.681	0.644	2.819	0.761	9.633			
-1.854	3.823	0.626				1.156	2.748	-0.502
-2.014	26.089	1.824	3.824	8.804	18.333			2.015
-1.908	-2.241		1.052	0.796	-4.108	0.835		
-1.829		0.146	1.308				-2.931	1.377
-1.888	3.963		3.282	0.777				
-1.915						0.502		-1.149
-2.003	1.668					0.737		2.127
-2.37	11.137	-0.166	5.447	1.353		2.347	6.682	-3.999
-2.032		0.593	5.58	0.838	-11.234	2.109	4.634	-1.003
-2		0.369	7.9	0.716	-8.615	0.905	0.209	-1.753
-1.894			-1.264			0.684		0.49
-1.958	11.811		4.019	0.794	6.738			
-2.163	5.614	0.014	1.584	0.779		1.486	3.432	
-1.879			1.148	0.796			-1.27	
-2.12			6.634		-13.171	2.8	6.007	-2.984
-1.992	12.206				11.597			0.064
-1.767							-1.174	0.867
-1.945		0.154	6.898	0.743	-4.884		-3.184	0.268
-1.864		0.458			-1.387	0.533		1.007
-2.024	18.763		6.862		12.64			-4.1
-1.799							-0.201	0.031
-1.854			2.011			-0.111	-3.751	1.576
-1.886						0.448	-0.787	0.301
-1.865	-8.846		4.447	0.798	-13.311	0.964	-1.042	
-1.86			1.032				-1.082	-0.019
-1.911						0.332	-1.702	1.524
-1.909		0.694	1.015	0.746	-4.385	1.077	2.397	
-1.867			1.803	0.79			-2.639	
-1.8	-1.116						-2.658	1.41
-1.884	3.917	0.849	-0.744	0.763		1.172	3.618	
-1.848	9.994	0.464			8.93			0.48
-1.874			1.614	0.801			-2.891	1.089
-1.943	1.145					0.706		0.22
-1.901			-1.264	0.802		0.691		0.492
-1.896	-0.498						-3.047	3.912
-1.913			0.298	0.795	-0.733	0.628	-0.158	
-1.893	0.604	0.118	0.016	0.796		0.58		
-1.879	6.818	0.513			5.158	0.389		1.089
-1.908	0.567					0.543	-0.889	0.695
-1.899						0.389	-1.328	0.773
-1.881			-0.59	-1.853		0.579		0.023
-1.819	3.733	0.761				1.032	2.375	-0.161
-1.918		-0.098				0.514	-0.436	-0.048
-1.844		0.484			-1.76	0.693	0.651	0.175

-1.837		0.152	1.317	0.805			-2.933	1.379
-1.901					0.428		-2.97	3.861
-2		0.369	6.493	-0.645	-7.206	0.743	-0.178	-0.557
-1.884					0.173	0.331	-1.684	0.998
-1.798		0.171	1.428	0.807			-2.415	
-1.883					0.926		-2.75	2.066
-1.951	1.487					0.763		0.642
-1.896			-0.11			0.488	-0.387	0.022
-1.909							-2.26	3.851
-2.045	19.12		6.698	0.784	13.061			-3.856
-1.882							-0.779	1.856
-1.843	-4.187				-5.416	0.944		0.282
-1.84	6.556	0.528			4.947	0.421		0.684
-1.798		0.493	2.752	0.764	-3.271			
-1.914	0.423		0.001	0.797		0.593	-0.133	
-1.845					0.923		-1.147	0.219
-1.807		0.272				0.272	-1.467	1.016
-1.851	6.481	0.482			4.96	0.426		0.617
-2.08	9.406		12.04	-1.553			-4.473	-0.659
-1.824		0.731			-3.533	1.114	2.456	-0.351
-1.831	6.611	0.51	6.256					-1.322
-1.906	12.454	0.627	2.951	0.762	8.252			0.28
-1.746		0.514			-0.76			0.471
-1.812		0.285	1.002				-2.802	1.518
-1.881			-1.073	0.809		0.687		
-2.002		-0.079			-1.234	0.73		1.82
-1.831	-1.019						-1.363	0.357
-1.881		-0.076	1.206	0.785			-1.228	
-2.004	5.618	0.119	9.581	0.772	-2.508		-2.627	
-2.139		-0.63	5.858	-3.358	-5.345	1		-1.714
-1.864			2.019	0.806		-0.106	-3.756	1.577
-2.121			6.425	0.82	-12.869	2.764	5.909	-2.915
-1.946			-0.307			0.484		-0.216
-1.821								-0.123
-1.9			-0.474			0.577		-0.068
-1.874			1.034	0.789			-1.067	
-1.799	8.645	0.584			7.261			0.992
-2.027	3.547					1.475	3.596	-1.652
-1.857					1.107		-2.54	1.274
-1.936	-0.476		-0.972	0.773		0.524		
-1.869	-0.056		0.998	0.788			-1.106	
-1.87			1.05	0.788			-1.085	-0.023
-1.869			0.976	0.788	0.07		-1.098	
-2.022	-5.694	-0.142	7.391	0.775	-13.278	1.204		-1.341
-1.839		0.218	1.097	-0.933			-2.601	1.25
-1.891		0.03	-0.603			0.581		0.037
-1.856		0.239	0.932				-2.559	1.624
-1.953					-0.235	0.473		-0.292

-1.843		0.083						-0.081
-1.82			1.857	0.814			-2.912	
-1.879	-0.91						-2.718	2.158
-1.937			-1.133	0.772	0.674	0.49		
-1.954			-0.304	0.766		0.49		-0.216
-1.969		-0.26				0.603		-0.483
-1.976	9.153	0.148	10.099	-2.337	1.147		-2.955	-1.81
-1.866		0.619			-2.983	0.979	2.012	-0.096
-1.975	7.918	0.113	10.142	-2.41			-3.151	-1.552
-1.843	6.454	0.522	6.009	0.77				-1.036
-1.875	16.587	1.431	3.202	0.692	10.615			1.351
-1.803		0.384	-0.988	0.806		0.511		
-1.828	6.154	0.682	5.145	0.764				
-1.822	0.068							-0.072
-1.885	3.611	0.676				1.007	2.506	-0.081
-1.86	-14.087		3.244		-15.526		-4.464	5.466
-1.843	12.159	0.537	5.099		6.331			-1.15
-1.886	6.443	0.894	0.38	0.806		1.671	5.338	-1.518
-1.82	-3.092	0.459			-4.125	0.601		0.334
-1.857	12.434	0.549	4.863	0.799	6.734			-0.89
-1.837			1.713	0.808		0.051	-2.785	
-1.906			0.942	0.777			-1.153	
-1.874								-0.143
-1.854	3.442	0.707			-1.192	1.388	3.732	-0.897
-1.982	5.009		10.281	-2.664	-2.702		-3.72	-0.816
-1.935					-1.059	0.711		0.178
-1.831		0.344	-2.126	0.834		0.776	1.204	
-1.954	0.186					0.446		-0.311
-1.92		-0.057	-0.022	0.801		0.511	-0.443	
-1.845		0.206	1.279			-0.044	-2.799	1.301
-1.86	-4.486	0.446	1.784	0.763	-7.151	0.705		
-1.82		0.166	-0.131	0.79				
-1.869		0.254	0.826	0.777			-2.525	1.85
-1.821		0.283	1.028	0.797			-2.82	1.518
-1.829					-0.043			-0.082
-2.103	2.002	-0.419	1.853	0.791		0.733		
-1.908			-0.054	0.804		0.479	-0.419	
-1.909			-0.102	0.803		0.491	-0.361	
-1.907			-0.125	0.802		0.5	-0.367	0.018
-1.85								-0.028
-1.894	11.907	0.621	2.867		7.821			0.277
-1.819	5.539	0.604	4.648					-0.017
-1.834			-0.023					-0.088
-1.917			-0.426	0.804		0.566		
-1.826	5.682	0.606	4.792	0.77				-0.033
-1.951			-1.22	0.768		0.707	0.563	
-1.818	5.573	0.615	4.658	0.771				
-1.887	11.71	0.52	3.096	0.782	7.583			

-1.965		-0.095	9.886	-2.876	-7.009		-4.322	0.39
-1.805							-1.057	0.744
-1.981	0.48	-0.085	9.623	-2.286	-6.426		-4.288	0.675
-1.96			-0.399	0.763		0.495		
-1.878	-14.09		2.961	0.772	-15.355		-4.506	5.87
-1.848		0.331				0.168	-1.588	1.594
-1.939					-1.394	0.78		0.582
-1.92	12.032	0.561	4.062	0.768	6.918			
-2.06	2.138	-0.395	2.377			0.698		-1.008
-2.021	15.951	0.342	9.473		7.696		-1.97	-2.585
-1.839	5.379	0.534	4.651					-0.139
-1.95						0.381	-0.146	-0.265
-2.018	9.148				8.02	0.449		0.228
-1.872	6.055	0.868	0.269			1.596	5.043	-1.399
-1.793		0.38				0.195	-1.647	1.218
-2.199		-0.592	4.494		-4.692	1.022		0.029
-1.936	3.867	0.876	1.958	0.756	-3.415	1.587	4.801	-1.656
-1.845	5.349	0.543	4.627	0.121				-0.142
-1.881					0.092			-0.222
-1.887		0.05	9.501	-4.73	-6.546		-3.437	-1.734
-1.866			-0.148	0.772				
-1.91			-0.472	0.804		0.584		-0.066
-1.848	5.533	0.538	4.808	0.765				-0.157
-1.902		0.026	-0.546	0.804		0.585		
-1.787	-2.965	0.367			-4.16	0.716		0.39
-1.88	4.776	0.804	-0.555	0.802		1.398	4.134	
-1.881			0.1					-0.242
-1.867	5.53	0.836				1.513	4.681	-1.042
-1.903			-2.607	0.809		1.038	1.56	
-1.92		-0.038	-0.535	0.808		0.601		
-1.851		0.212	1.233	0.785		-0.026	-2.752	1.294
-1.877	-0.071							-0.209
-1.932					-3.814	1.597	2.745	-0.717
-1.896	11.437	0.515	3.178	0.779	7.212			0.125
-1.884	3.632				3.88			-0.365
-1.989	12.265		1.211	0.784	10.454			
-1.795		0.536	-1.957			0.635	0.866	0.384
-1.899		0.04	-0.601	0.806		0.586		0.041
-1.885	11.84	0.581	3.573	2.101	7.064			0.204
-2.013	0.919	-0.153				0.679		1.298
-1.875			2.311	-1.219		-0.22	-3.985	1.573
-1.797	1.851	0.655	-1.204	0.804		0.92	1.953	
-1.841	5.128	0.543	4.355	0.766				
-2.04	-26.751	-0.801	6.916		-29.36		-8.455	9.396
-1.736		0.504	-0.801					0.587
-1.848			-0.034	0.791				
-1.965	1.23		0.571			0.596		0.656
-1.929	3.352	0.851	2.014		-3.725	1.529	4.536	-1.576

-2.037	17.855	0.396	9.262	0.768	9.556		-1.708	-2.736
-1.839	-1.118						-2.541	1.284
-1.866							0.005	-0.185
-1.864								-0.194
-1.869			-0.834	0.772	0.769			
-1.938		0.085				0.277		-0.273
-2.01	28.271	0.669	10.243	-0.951	18.359			-6.29
-1.873			2.5			-0.262	-4.386	1.802
-1.836	0.262		0.188	0.784				
-2					-2.113	0.824	-0.543	3.531
-1.888			0.108	0.766				-0.242
-2.212		-0.578	4.232	0.781	-4.562	1.024		0.356
-1.802		0.537	-1.966	0.797		0.646	0.87	0.387
-1.982	1.155		0.34	0.792		0.608		1.052
-1.918	3.463				1.893	0.781		0.476
-1.926	1.435		1.228	-1.665		0.564		-0.461
-1.844			-0.009	0.79				-0.092
-1.89			2.173			-0.194	-3.904	1.722
-1.893		0.877	2.953		-7.584	1.529	3.842	-1.309
-1.953						0.32		-0.316
-1.885	10.866	0.516	3.148		6.697			0.121
-1.898		0.879	2.954	0.758	-7.62	1.547	3.867	-1.315
-1.95	13.979				13.992			-1.627
-1.873			1.703	-1.534			-3.267	1.129
-1.882			1.623	-1.103			-3.355	1.456
-1.89	1.225					0.753	-0.288	0.537
-1.835			-0.061	0.786				
-1.954	5.376				4.535	0.541		0.057
-1.87	15.955	1.401	3.189		10.09			1.301
-1.943	6.271	0.85	0.795	0.759		1.511	5.078	-1.674
-1.892	7.261	0.978	0.992	0.79		1.758	5.976	-2.646
-1.832	-4.77	0.348	2.709	0.789	-8.519	0.883		
-1.835			0	0.786	-0.077			
-1.827	-5.014	0.366	2.821	0.789	-8.923	0.899	0.021	
-1.894	-4.82				-5.85	0.859		0.157
-1.833		0.338			0.256		-1.892	1.93
-1.811	1.454	0.441				0.594		0.56
-2.056	-26.67	-0.798	6.627	0.775	-29.124		-8.45	9.745
-1.894			0.01	0.763				
-2.062	2.103	-0.369	2.327	0.791		0.694		-0.98
-1.913	3.505	0.54				0.96	1.718	1.492
-1.901			1.574				-3.43	1.734
-1.916						0.452		-0.439
-1.742		0.505	-0.797	0.786				0.59
-1.923		0.43			-3.148	0.953	1.063	2.483
-1.774		0.77			-1.207		-2.173	4.825
-1.905			2.168	0.78		-0.204	-3.981	1.953
-1.919	-5.629		1.016	0.78	-7.598	0.912		

-1.88		0.286	-1.177	0.787		0.572	0.535	
-1.879	7.265	0.966	1.067			1.762	5.976	-2.868
-1.853		0.365			-2.368	0.982	1.447	-0.248
-1.925	6.779	0.981	0.5	2.359		1.684	5.677	-1.683
-1.919		0.699	3.838		-7.532	1.451	3.468	-2.286
-1.823	-0.027	0.379					-1.604	1.911
-1.882			2.459	0.79		-0.243	-4.323	1.775
-1.859			-1.34			0.728		0.557
-1.887		0.164	0.606	0.798			-2.939	3.329
-1.901	10.011	0.711			5.94	0.972	2.971	-0.522
-1.893	9.344	0.728			5.328	0.946	2.76	-0.207
-1.942	9.917				9.576			-0.068
-1.871					-0.861	0.68	-0.632	0.641
-1.781	1.074	0.714					-2.027	4.248
-1.775		0.275			0.55		-1.973	1.218
-1.886	9.64	0.735			5.585	0.964	2.864	-0.426
-1.938	-3.597	0.33			-6.61	1.015	0.644	3.408
-1.9		0.186	-0.569	0.786		0.464		
-1.923	-5.49	0.329			-8.2	0.929		4.207
-1.927			0.978	0.798			-3.094	3.113
-1.824		0.468			-2.488	0.95	1.355	-0.057
-1.928						0.289	-1.717	2.438
-1.867	-0.398		-0.474	0.768				
-1.873		0.157	0.71				-2.941	3.044
-1.911			1.088				-3.053	2.75
-1.915			1.523	0.787			-3.484	1.978
-1.938	-3.906	0.279			-6.412	0.879		3.805
-1.963		0.32			-3.447	1.136	1.754	1.896
-1.871		0.566			-2.627	0.676		3.354
-1.868		0.219				0.146	-2.211	3
-1.859			-0.888	0.848		0.594		
-1.931	5.988	0.836	0.699			1.457	4.875	-1.583
-2.051	13.813		2.74	0.765	10.506			-0.272
-1.902			0.329	0.752			-0.393	
-2.206			5.589	0.821	-13.151	2.893	6.12	-0.692
-1.804		0.751	-0.468	0.777	-2.514	0.918	1.848	
-1.954	8.183				8.423		-1.484	0.83
-1.755		0.396			0.313		-1.961	1.382
-1.797		0.497	-1.864	0.805		0.672	0.902	
-2.185			5.797		-13.191	2.877	6.1	-1.073
-1.858			1.62	0.799			-2.165	
-1.994	3.92	0.304				1.27	2.959	0.275
-1.963		-0.406	2.167	0.796			-2.23	
-1.923	6.293		5.698					-0.424
-1.781	1.078	0.563						1.226
-2.324		0.538	16.58		-16.26	1.048	-2.409	
-1.929		0.702	3.537	0.748	-7.265	1.429	3.39	-1.961
-1.878	1.5		1.865					-0.595

-1.93	6.403		5.813	0.779				-0.437
-2.044					-5.387	1.878	3.393	1.493
-1.832					1.077		-2.095	0.928
-1.935			0.948	1.154			-3.512	3.694
-1.926			1.108	0.803		-0.034	-3.614	3.558
-1.98	1.505					0.632	-1.026	3.174
-1.737	-0.142	0.437					-1.78	1.352
-1.764	-0.467	0.291					-1.825	1.155
-1.87			-1.336	0.823		0.734		0.557
-1.727		0.467					-1.631	1.322
-1.906			1.251			-0.048	-3.625	3.219
-1.862		0.365	-0.632			0.409		0.149
-1.874	4.072		-1.562	0.791	5.643			
-1.794		0.386	-1.262			0.53		0.632
-1.882	4.888	0.801				1.377	4.317	-1.455
-1.829	0.053	0.65	-0.477	0.77	-1.942	0.814	1.484	
-1.865	2.441	0.591				0.579		2.784
-1.924			-0.817			0.587		0.168
-1.949					-2.072	1.119	1.775	-0.846
-1.83	3.386	0.839				0.71	0.994	2.255
-1.927		0.701	2.742	0.158	-6.426	1.319	3.114	-1.227
-2.013	-6.802				-9.286	1.075		4.281
-1.834		0.329					-2.454	3.509
-1.765		0.655	-1.123			0.41		0.589
-1.782		0.229					-0.333	0.178
-1.898	5.257	0.821			0.21	1.376	4.444	-1.25
-1.871	5.116	0.858			-0.089	1.441	4.579	-1.494
-1.83		0.332					-0.219	0.076
-1.825		0.329			-1.224	0.638		0.393
-2.039	14.06		1.675	0.77	11.648			
-1.988	-11.168				-13.271	0.986	-1.114	5.951
-2.038	13.239		2.785		9.911			-0.284
-1.869		0.35	-0.575	0.769		0.423		
-2.003	7.922	0.341			3.464	1.414	4.297	-1.638
-1.892	-5.329		3.054	0.791	-8.244	0.755	-0.933	
-1.87		0.364	-0.632	0.768		0.417		0.149
-1.883							-2.102	2.784
-1.898	1.423		1.571	0.782				
-1.805		0.386	-0.3					0.142
-1.873		0.915	1.271	0.759	-5.886	1.344	3.34	
-1.928			-0.735	0.785		0.59		
-2.052					-3.135	1.221	1.724	1.762
-1.866	4.281		3.58	0.792				
-1.932			-0.809	0.784		0.593		0.163
-1.965			2.905	-1.551	-3.283	0.722		-0.171
-2.011	10.425	0.756	4.384			2.068	7.377	-6.096
-2.031	-2.058				-4.692	1.063	0.642	2.962
-2.311	13.117	-0.161	7.833	-2.001		2.487	7.649	-7.431

-1.869	9.145				7.981			0.532
-1.85		0.265			-0.003		-2.235	3.381
-1.851	0.006	0.265					-2.229	3.376
-1.816	1.622	0.702	-1.313	0.78		0.839	1.916	
-1.837	-18.371				-17.308		-5.579	9.272
-1.936			-0.201	0.782		0.448	-0.348	
-1.773		0.657	-1.127	0.784		0.418		0.592
-1.941	5.593				4.941	0.406	-1.064	0.912
-1.819	2.523	0.82			-0.243	0.513		3.116
-1.883		0.345			-0.488	0.405		-0.02
-1.889		0.307	-0.323	0.768	-0.187	0.423		
-1.824	0.19	0.356						0.026
-1.849			1.562	-1.859			-2.823	1.061
-1.812		0.293						-0.462
-2.069	3.368					1.259	2.422	0.644
-1.803		0.391	-1.261	0.812		0.535		0.634
-1.888	1.521		1.906	0.782				-0.607
-1.819		0.362			-0.213			0.049
-1.891	0.021	0.28	-0.477	0.771		0.421		
-1.839	6.564	0.461			5.942		-1.076	1.571
-1.96			-1.007	0.799		0.561	-0.252	1.96
-2.005		-0.273				0.498	-0.754	1.219
-1.812		0.384	-0.292	0.764				0.141
-1.845		0.289	0.056	0.763			-0.207	
-1.94			-0.78			0.532	-0.312	1.554
-1.713		0.656	-0.776					0.569
-1.833		0.264	-0.181	0.775				
-1.874		0.175				0.407		-1.135
-1.813		0.363	-0.225	0.765				
-1.842		0.464	-1.454	0.783		0.459		1.377
-1.829		0.454	-1.376			0.457		1.162
-1.83	8.327	0.504			7.609		-0.799	0.96
-1.943		-0.195				0.517		-0.755
-1.851	3.341				4.05		-2.433	1.423
-1.923	5.387		4.669	0.777				
-1.781		0.645			-2.336	0.775	0.788	0.438
-1.783							-0.702	0.457
-1.738	0.834	0.521						0.503
-1.731	0.907	0.557						0.556
-2.014	10.172	0.784	4.004	0.76		2.054	7.297	-5.62
-1.816	-1.104						-2.116	0.946
-1.891	2.764		2.275	0.767				
-1.877	-6.96				-6.224		-3.599	5.378
-1.973	6.565				4.949	0.67		0.478
-1.964			-1.296	0.801		0.623		1.992
-1.832	0.14	0.331	-0.03	0.763				
-1.973			-1.405	1.171		0.635		2.197
-1.958		0.024	-1.342	0.802		0.618		2.008

-1.899						0.478		-1.256
-1.796		0.892			-2.838	0.509	-0.254	3.846
-2.108			6.854	-2.17	-13.448	2.822	6.065	-3.031
-1.879	-0.669						-1.363	1.507
-1.946			-1.142			0.606		1.616
-1.846		0.376	0.242	0.793	-1.86	0.778	0.739	
-1.828	7.396	0.427			6.908		-0.954	0.943
-1.831		0.313	-0.09	0.766	-0.076			
-1.841			1.011	-2.379			-1.084	-0.005
-1.939		0.022	-1.214			0.609		1.667
-2.017	2.283					1.018	2.109	-1.029
-1.944	15.932	0.265	5.971		10.105			-2.865
-2.094	24.767		8.654		17.121			-5.748
-1.816		0.136	1.297	-1.595			-2.922	1.374
-1.806		0.427	-1.192	-0.678		0.471		0.598
-1.72		0.657	-0.773	0.781				0.573
-1.906	0.485	0.005			-0.043	0.622		-0.124
-2.09	9.022				5.147	1.395	3.979	-1.803
-1.966	17.847		7.683	-2.923	11.306			-5.065
-1.895	0.373	0.306				0.367		-0.088
-1.908	4.597				5.102		-2.409	1.795
-1.808		0.435	-1.217			0.479		0.617
-1.816		0.473	0.061	0.792			-2.718	3.35
-1.827	11.997	0.633			10.754			0.119
-1.726		0.454	-0.569	0.8				
-1.93		-0.324	1.76				-1.509	-0.267
-1.989					-3.948	1.572	3.131	-1.001
-1.978					-1.671	0.907	1.262	-0.616
-1.805	0.676							0.335
-2.533			13.42		-14.497	1.525		
-1.884			0.675				-1.091	0.986
-1.804	11.161	0.807			9.444			0.946
-1.88					0.572		-1.153	1.301
-1.872			1.258			0.106	-2.438	0.915
-1.837			2.059	-1.86		-0.135	-3.801	1.59
-1.952	15.894	0.294	5.693	0.788	10.178			-2.478
-1.866		-0.004	1.607				-2.888	1.084
-1.866			-2.426	0.839		1.017	1.373	
-1.774	-0.913	0.504	-2.078			0.444		0.71
-1.811		0.434	0.247				-2.738	2.985
-1.9	3.207		-2.214	0.772	5.429			
-1.864		0.212						-0.092
-1.869	-12.199	-0.078			-11.083		-4.254	6.53
-2.245	32.439				25.628	2.155	11.597	-12.14
-1.855			-1.099	0.826		0.714		
-1.798		0.49				-0.017	-2.61	3.284
-1.889	3.83	0.509				1.236	3.035	-0.801
-1.868	0.41							1.044

-1.897	-0.522						-2.591	3.352
-1.817		0.433	-1.211	0.795		0.487		0.613
-1.904	2.115	0.789	0.244	0.75	-2.285	1.151	3.149	
-1.894	-0.812						-0.884	0.039
-1.777		0.513	1.743		-2.366			0.195
-1.902					0.508		-2.538	3.235
-1.738		0.55	-1.231			0.501		0.639
-1.898			0.588	0.785			-1.092	1.253
-1.971	15.362	0.661	3.148	3.676	10.794			0.343
-2.115	25.101		8.392	0.78	17.592			-5.438
-1.91						0.5	0.066	-1.287
-1.895			-0.515	0.768	1.115		-0.641	
-1.763		0.606	-0.92	0.794		0.442		
-1.887			-1.262	-0.88		0.677		0.489
-1.829		0.142	1.366			-0.016	-2.992	1.392
-1.792	0.227	0.243						0.061
-1.879			-0.061	-1.9		0.464	-0.432	0.032
-1.948	11.561		4.105	0.799	6.41			
-1.929	4.86		4.981					-0.811
-1.959		-0.366	1.751	0.789			-1.549	
-1.914			0.016			0.497		-1.175
-1.915	-0.003					0.5		-1.15
-1.915					0	0.5		-1.148
-1.957	12.304		3.625	0.796	7.587			
-1.84			2.073	0.787	-2.541			
-1.897			-1.295			0.685		0.565
-1.838		0.118	1.513	0.792			-2.347	
-1.965	12.051		4.393	0.794	6.621			-0.063
-1.78	-0.889	0.51	-2.053	0.794		0.451		0.712
-1.857			1.832		-1.583			-0.475
-1.902					0.669		-0.64	-0.089
-1.81	0.549	0.25	0.396	0.781				
-1.864								0.361
-1.865		0.486			-1.7	0.615	0.383	0.829
-1.865	1.036	0.288	-0.354	0.796		0.693	0.64	
-1.893	-0.777		-0.066	0.767			-0.765	
-2.282		0.688	12.853		-14.481	1.284		
-1.774		0.541			-0.953			1.057
-1.926	0.51					0.479	-1.14	1.264
-1.807		0.24	0.559	0.807		0.217	-1.581	
-1.868		0.066				0.408	-0.911	0.437
-1.853	10.714	0.408			9.855			0.006
-1.835		0.812			-3.987	1.147	2.686	0.203
-1.794		0.236			-0.222			0.066
-1.875			1.62	0.791		0.061	-2.473	
-1.907					0.194	0.271	-1.922	1.621
-1.915			-1.383	0.8		0.692		0.809
-1.926	0.723					0.59	-0.512	0.442

-1.858	-0.098		0.947				-1.122	0.017
-1.912						0.338	-1.633	1.415
-1.882			1.27	0.802		0.111	-2.451	0.922
-1.861			1.087		-0.055		-1.073	-0.033
-1.941			-0.924			0.631	0.466	-0.193
-1.803	6.831	0.483	6.681	-2.067				-1.931
-1.941	5.075		5.2	0.777				-0.836
-1.953	11.467		4.302		6.157			-0.067
-1.784		0.476	2.907	0.775	-3.435			
-1.885			-0.465	-1.8		0.561		-0.068
-1.949	1.198					0.708		0.342
-1.956	5.323		5.171					-0.683
-1.879			1.695	0.783	-1.604			
-1.87		0.022	1.577	0.801			-2.89	1.12
-1.884	3.92	0.85	-0.75	0.764		1.174	3.624	
-1.747		0.557	-1.229	0.816		0.506		0.642
-1.966	5.496		5.353	0.758				-0.707
-1.936		-0.303	1.73	0.789			-1.483	-0.255
-1.782		0.512	1.738	0.764	-2.358			0.199
-1.804					-0.618			0.313
-1.934	-1.936				-2.467	0.624		-0.126
-1.891	8.434		8.543					-2.595
-1.82		0.126						-0.098
-2.007	11.796		3.106	0.781	8.395			-0.45
-1.861					-0.362			0.883
-1.871	-3.045				-5.053	1.145	0.824	-0.017
-1.876		-0.169			1.268		-1.4	0.179
-1.921	4.376	0.89	3.499		-4.671	1.826	5.553	-3.35
-1.935		-0.167	0.272			0.483	-0.609	-0.105
-1.894					0.176	0.335	-1.536	0.862
-2.28		0.639	14.052		-15.346	1.33		-0.89
-1.795		0.23	-0.239					0.106
-1.95			-0.922	0.775		0.638	0.467	-0.193
-1.932			-2.202	0.822		0.772		2.79
-1.882		0.002	-0.591	-1.707		0.579		0.024
-1.848		0.414	-2.005	0.805		0.535		2.675
-1.93			-0.05	0.774		0.504		-0.973
-1.887			-1.935	0.826		0.868	0.942	
-1.909	-0.476	-0.228	1.152	0.791			-1.595	
-1.775		0.482	-1.917			0.666	0.744	0.447
-1.838		0.151	1.334	0.805		-0.004	-2.951	1.383
-1.866		0.072					-0.761	1.706
-1.783		0.499	2.214	0.765	-2.751			
-1.845			0.208					-0.279
-1.794		0.163	1.436	0.81			-2.425	
-1.907		0.216				0.283	-0.258	-0.071
-2.047		-0.457				0.643		0.09
-1.837	6.873	0.519	6.648					-1.693

-1.906		-0.2	0.928	0.79	0.559		-1.458	
-1.881					0.944		-2.743	2.01
-1.805		0.285	0.987	-1.028			-2.798	1.524
-1.818			-0.041	-2.094				-0.077
-1.931	4.688	0.908	3.199	0.767	-4.23	1.833	5.633	-3.112
-1.817		0.466	-2.599	0.822		0.849	1.67	
-1.989	10.964		3.062		7.656			-0.467
-1.845	-4.188	0.454	1.409		-6.511	0.67		0.079
-1.985	11.187				10.598	0.338		-0.935
-1.784	6.323	0.878	5.031	0.755				
-1.808		0.242	0.428	0.782	-0.587			
-1.737		0.504			-0.768			0.479
-2.058	2.202	-0.458	2.488	-2.261		0.705		-1.065
-1.839					0.166			-0.23
-1.913			-2.063			0.761		2.43
-1.85	0.483				1.34		-1.024	0.15
-1.798		0.492	2.729	0.764	-3.246			
-1.955			-1.06	0.773		0.655	0.511	
-1.84	6.689	0.544			5.056	0.414		0.704
-2.306		0.725	17.064		-17.121	1.073	-2.184	
-1.933	-0.35		-0.781			0.504		-0.075
-1.837		0.333	-0.847	0.794		0.49		
-1.811		0.261	1.404			-0.108	-3.265	1.656
-1.827	6.531	0.52	6.136					-1.24
-1.847	-1.255	-0.104					-1.569	0.363
-1.928	7.649		8.508					-3.468
-1.856	2.048		1.724	0.781				
-1.866			1.82	0.783	-1.561			-0.474
-1.71		0.602	-0.552	0.792				
-1.747		0.512			-0.754			0.467
-1.712	-0.777	0.547	-1.574					0.68
-1.836		0.408	-1.911			0.532		2.421
-1.864			0.144	0.787				
-1.855			-0.341					0.783
-1.936			-0.773		0.39	0.48		-0.105
-1.901			0.507				-0.386	-0.253
-1.88			1.441	0.786	-0.437		-1.004	
-1.909	6.429				6.837		-1.335	0.625
-1.83	-0.089							-0.179
-1.976		-0.265	0.402	0.803		0.491	-0.694	
-1.88	0.293		1.248	0.788			-0.951	
-1.839	-3.264	0.478			-4.439	0.592		0.796
-1.935	-1.657		-0.494	0.773	-1.758	0.613		
-1.795		0.358	-1.011	0.817		0.538		
-1.942			-0.308	-0.435		0.481		-0.215
-1.798			-0.648					0.408
-1.938	-0.376		-1.161	0.774		0.595	0.225	
-1.855	0.18							-0.029

-1.91	1.426				1.659			-0.36
-1.921		-0.084	-0.355			0.595		-0.182
-2.148		-0.631	5.677	-3.044	-5.259	1.004		-1.474
-1.995		-0.272	-0.204	0.802		0.638		
-1.838	-14.267		3.739	-1.712	-15.977		-4.474	4.891
-1.784		0.487	-1.926	0.814		0.673	0.758	0.445
-1.942	-0.317		-0.734	0.772		0.509		-0.089
-1.981	-27.221	-0.821	8.159	-3.265	-30.503		-8.499	8.003
-1.939			-1.339	0.774	0.507	0.589	0.285	
-1.849								-0.375
-2.091	1.917	-0.405	1.694			0.728		0.122
-1.947		-0.195	0.592	0.802		0.416	-0.99	
-1.797	5.916	0.811	4.645	0.758				0.265
-1.938	-0.446		-0.932	0.773		0.521		
-1.867	-0.725		1.377	0.787	-0.932		-1.233	
-1.869	-0.048		1.006	0.788			-1.102	-0.006
-1.869			1.041	0.788	0.004		-1.082	-0.022
-1.855			0.368					-1.005
-1.827			1.488	0.817		0.111	-2.573	
-1.945			-0.733	0.77	0.359	0.487		-0.116
-1.816		0.183	-0.105	0.786				
-1.935	4.068		3.91	0.778				
-1.851					0.269			-0.809
-1.837		0.201	1.316	-1.079		-0.06	-2.833	1.306
-1.826		0.31	-2.119	0.843		0.796	1.179	
-1.831		0.11						-0.171
-1.796	5.732	0.776	4.527					0.229
-1.843		0.224	1.039	-0.722			-2.579	1.369
-1.904	6.839	0.922	0.508	1.908		1.742	5.634	-1.642
-1.908	8.317		8.334	0.788				-2.305
-1.848	6.695	0.528	6.355	0.764				-1.341
-1.876	-0.873						-2.792	2.298
-1.803		0.236	-0.233	0.787				0.108
-1.909			0.528	0.759			-0.398	-0.254
-1.856		0.233	1.03			-0.03	-2.664	1.657
-1.939			-1.076	0.772	0.625	0.489		
-1.87			-0.435	0.789				1.063
-1.762		0.54	-1.056					1.324
-1.864					-0.087			-0.086
-1.834	6.395	0.552	5.833	0.772				-0.844
-1.865			-0.073					-0.087
-1.976	10.979	0.201	10.145	-2.258	2.773		-2.653	-2.314
-2.023	18.485	0.6			12.152	1.808	8.161	-6.439
-1.899		0.04	0.855	0.777			-1.067	
-1.853	-5.239	0.474	2.145	0.763	-8.333	0.752		
-1.998	11.376		2.114	0.781	8.78			
-1.938		-0.137	0.198	0.801		0.493	-0.557	-0.086
-2.104	1.818	-0.388	1.426	0.791		0.737		0.52

-1.817	-3.183	0.464			-4.234	0.606		0.346
-1.849	-4.042	0.459	1.273	0.765	-6.24	0.669		0.107
-1.774		0.549	-1.122	0.77				1.516
-2.362		0.56	16.515		-16.816	1.2	-1.72	
-1.848	12.262	0.542	4.955	0.351	6.525			-1.021
-1.814		0.189	-0.152	0.789				
-1.703		0.566	-2.241		1.358			0.795
-1.854			0.22	0.787				-0.28
-1.884	6.314	0.889	0.33	0.804		1.639	5.229	-1.395
-1.766	-5.505	1.002			-7.183		-2.992	7.569
-1.937					-1.082	0.715		0.223
-1.819		0.264	1.349	0.796		-0.087	-3.187	1.627
-1.858	-4.442	0.445	1.728	0.764	-7.052	0.701		
-1.87		0.248	0.9	0.776		-0.016	-2.601	1.856
-1.888			-1.377	0.823	-1.445	1.206	1.616	
-1.718	-0.764	0.549	-1.556	0.789				0.682
-1.823		0.575	-2.221	0.784		0.613	0.878	1.162
-1.908			-0.063	0.802		0.483	-0.407	
-1.829		0.447	-1.564			0.582	0.66	0.259
-1.805			-0.64	0.8				0.409
-1.853	-0.181							-0.616
-1.897			-2.613			1.032	1.539	0.039
-1.821	5.573	0.606	4.682	0.225				-0.021
-1.811		0.563	-2.148			0.615	0.876	0.947
-1.917			-2.374	0.8	-0.372	1.088	1.662	
-1.923	12.458	0.508	3.346	2.234	8.044			0.111
-1.758		0.564	-2.41		1.214	0.39		0.786
-1.869			-0.491		0.493			-0.104
-1.873			-0.057	0.772				-0.095
-1.948	4.326	0.898	1.96	1.632	-3.215	1.651	5.063	-1.743
-1.729		0.503	-0.801	-1.269				0.584
-1.913			0.397	0.757			-0.373	
-1.875			0.098	-0.751				-0.241
-1.872			-0.114	0.772				
-1.924	-6.281		1.855		-9.021	0.952		-0.173
-1.733	-1.94	0.546			-2.55			0.409
-1.838	5.364	0.533	4.635	0.109				-0.137
-1.836		0.446	-1.562	0.786		0.59	0.657	0.259
-2.024	9.286				8.009	0.489	0.189	0.143
-1.862			2.525	-1.288		-0.279	-4.424	1.821
-1.91	4.172	-0.112			4.548			-0.475
-1.926	3.09	0.888	2.195	0.757	-4.347	1.589	4.655	-1.597
-1.874	6.452	0.888	0.488			1.663	5.333	-1.762
-1.866			-0.086	0.772	-0.069			
-1.87			0.305	0.77				-0.8
-1.919	14.666		7.313		7.092			-2.524
-1.905			-2.613	0.806		1.037	1.542	0.038
-1.904			-2.594	0.806		1.037	1.538	

-2.38	36.906		4.362		24.347	2.869	14.578	-16.14
-1.908	0.1		-2.589	0.806		1.059	1.626	
-1.922		-0.048	-0.405	0.803		0.594		-0.131
-1.899	6.5		5.878					-0.403
-1.71		0.566	-2.232	0.795	1.354			0.798
-1.76		0.454	-0.656					0.458
-1.884	0.056		0.173					-0.264
-1.945	7.678		8.458	0.764				-3.238
-1.792		0.534	-1.952	-0.417		0.631	0.864	0.383
-1.793			-0.397	0.838				
-1.791			-0.485	0.805				
-1.776	-25.425	0.508			-25.471		-6.372	13.026
-1.887	3.585				3.795			-0.259
-1.885	3.568		0.142		3.691			-0.391
-1.765		0.566	-2.405	0.797	1.207	0.397		0.788
-1.857			2.345	-1.775		-0.208	-3.901	1.252
-1.892		0.686	4.752	-2.453	-8.343	1.522	3.71	-3.273
-1.779		0.6	-1.941	0.812		0.489		2.62
-1.886			2.473			-0.296	-4.62	2.357
-1.73		0.497	-0.806					0.592
-1.877			-0.461	0.77	0.475			-0.11
-1.912	2.237	0.883	2.374		-5.195	1.563	4.415	-1.507
-1.832		0.167	-0.843	0.858		0.517		
-1.767	-0.803	0.465	-1.719	0.807		0.477		
-1.845		0.393	-1.353	0.787		0.583	0.592	
-1.974	7.039	0.893	1.032	2.362		1.664	5.647	-1.91
-1.895		0.842	3.62		-8.096	1.581	3.945	-1.975
-2.12	16.483		3.136	3.519	12.685			-0.272
-1.91	6.629		6.015	0.794				-0.423
-1.844	-1.822		-3.015			0.641		0.675
-1.938	12.268				12.211			-1.137
-1.954	1.277		0.724	-0.597		0.586		0.398
-1.873			-0.708	0.771	0.658			
-1.863							0.016	-0.23
-1.938		0.086				0.277		-0.273
-1.737		0.67			-0.661			0.425
-1.893	0.093		0.229	0.765				-0.279
-1.906	3.131				1.947	0.674	-0.421	0.635
-1.947	4.205		3.783	0.76				
-1.844			-1.343	-1.636		0.72		0.561
-1.939	14.938		7.161	0.808	7.414			-2.267
-1.767		0.592	-1.851			0.482		2.393
-1.745		0.591			-1.131	0.517		0.45
-1.902			2.417	0.786		-0.299	-4.706	2.667
-1.901	3.578		-0.105	0.787	3.807			
-1.944	12.056				12.228		-0.541	-0.942
-1.896		0.877	2.99	0.191	-7.652	1.543	3.873	-1.327
-1.782		1.071			-2.021		-2.102	6.088

-1.901		0.868	3.294	0.757	-7.925	1.579	3.943	-1.608
-1.752	1.513	0.69						1.837
-1.768		0.449	-0.637	0.778				0.449
-1.895	3.71		0.056	0.787	3.927			-0.385
-1.873			1.694	-1.478			-3.302	1.194
-1.911	-4.001				-5.583	0.997	0.59	-0.06
-1.835			-0.349	0.787	0.318			
-2.164	26.831				22.191	1.436	7.168	-7.702
-1.776	1.225	0.545						1.604
-2.34		0.546	16.64		-16.734	1.176	-1.771	-0.358
-1.906	7.368	0.992	0.95	1.481		1.781	6.066	-2.494
-1.927	-6.091		1.555	0.775	-8.588	0.945		
-1.929	-6.221		1.816	0.777	-8.919	0.952		-0.165
-1.887	-0.123		-0.131	0.765				
-1.893	-4.84				-5.899	0.846		0.287
-1.785		0.453	-1.831	0.82		0.697	0.836	
-1.862	1.471		1.811	-1.882				-0.575
-1.853	-1.817		-3.007	0.807		0.649		0.675
-1.858	8.101		9.587	-5.337				-5.158
-1.833	-4.904	0.34	2.791	0.789	-8.685	0.88	-0.048	
-1.903	5.884		5.139	0.794				
-1.845			-0.897	0.86		0.606		
-1.69		0.596	-0.797					0.598
-1.738		0.5	-0.8	0.789				0.594
-1.709		0.626	-1.035				0.341	0.49
-1.913	3.508	0.542				0.958	1.717	1.509
-1.913	3.551	0.542			0.047	0.957	1.718	1.495
-2.402	37.494		4.052	0.766	25.035	2.889	14.752	-15.987
-1.916		-0.237	2.069	0.798			-2.442	
-1.919	-5.709		1.071	0.78	-7.701	0.908	-0.03	
-1.885		0.261	-1.057	0.788		0.552	0.425	
-1.906		0.494			-3.152	0.905	0.897	2.713
-1.939			0.434	0.799		0.162	-2.421	2.923
-1.886		0.185	0.32	0.799		0.073	-2.645	3.284
-1.861		0.348			-2.461	1.025	1.626	-0.364
-1.924	9.689	0.621			5.576	1.057	3.194	-0.734
-1.896		0.163	0.581	1.246			-2.969	3.472
-1.92			0.543			0.154	-2.374	2.569
-1.894		0.131	0.698	0.798			-2.952	3.226
-1.892	-3.011	0.461			-5.725	0.81		3.854
-1.8	-1.918	0.758	0.461	0.774	-5.211	0.97	1.618	
-1.787	-7.765				-6.293		-2.444	1.08
-1.911	10.891	0.698			6.703	1.01	3.251	-0.874
-1.826		0.515	-2.645	0.808		0.658	0.723	2.535
-1.743		0.516	-0.977	0.821		0.511		
-1.779		0.256			0.586		-1.971	1.189
-2.112	20.05	0.623	4.135		8.79	2.36	10.07	-9.411
-1.787	2.153	1.103					-1.743	5.469

-1.907		0.08				0.241	-1.857	2.594
-1.892		0.078	0.898				-2.95	2.842
-1.783		0.696			-0.952	0.373		0.394
-1.874		0.171	0.508			0.051	-2.731	3.013
-1.937	-3.778	0.33			-6.766	1.005	0.58	3.505
-1.921			1.017	0.573			-3.079	2.978
-1.972	2.025					1.053	2.043	-1.861
-2.001	11.215	0.649	5.687	-2.916		2.106	7.61	-7.786
-1.852			-2.383			1.005	1.188	0.217
-1.926		-0.42	1.939	-2.964			-1.631	-0.321
-1.753	-0.691	0.461	-1.929			0.505		0.72
-1.786		0.368	-0.359	0.778				
-1.716		0.627	-1.028	0.784			0.335	0.495
-2.215			5.549	1.166	-13.201	2.91	6.155	-0.559
-1.845	-0.358	0.37	-1.118			0.423		0.297
-2.461			14.95		-15.346	1.495		-1.759
-1.784		0.379	-1.259	-1.107		0.524		0.63
-1.885	1.447		1.68					-0.252
-1.699		0.601	-0.79	0.8				0.6
-1.924	6.313		5.718	0.091				-0.426
-2.02	23.852		9.858	-3.6	15.551			-7.139
-1.732	-7.459				-5.949		-2.632	1.243
-2.334	0.53	0.532	16.514		-15.701	1.047	-2.378	
-1.812		0.507	-2.509			0.652	0.715	2.189
-1.856	3.546	0.099	-1.18	0.788	4.689			
-1.879	1.508	-0.003	1.878					-0.6
-1.859		0.325	-0.473			0.423		-0.261
-1.912			-0.623			0.579		-0.276
-1.748	-0.301	0.366					-1.815	1.267
-2.351	12.532	0.901	10.646			0.825		
-2.116	19.717	0.651	3.804	0.766	8.664	2.348	9.98	-8.914
-1.935			1.003	1.173		-0.017	-3.57	3.715
-1.71	-12.664		5.09	-6.263	-14.981		-3.659	0.805
-1.801						0.457		-1.963
-1.854		0.363	-0.956		0.276	0.404		0.224
-1.868		0.295			-0.306	0.431		-0.592
-1.833	-1.65		-2.587	0.813		0.648		
-1.881	0.683		-2.207	0.829		1.152	1.731	
-1.919			-0.813	-0.545		0.581		0.166
-1.859	1.984	0.25	-1.082	0.768	2.964			
-1.774		0.677	-1.244			0.395		0.961
-1.86		0.366	-0.63	-0.325		0.406		0.149
-1.854	-0.328	0.369	-1.078	0.775		0.431		0.285
-2.389	4.242	0.558	14.413		-11.559	1.331		-0.925
-1.784		0.69	-1.31	0.776		0.393		1.16
-1.791		0.387	-0.893		0.491			0.282
-1.815		0.338					-0.165	-0.141
-1.843	-0.206	0.287					-0.415	0.099

-1.861	-0.203	0.336	-0.809	0.775		0.434		
-1.799		0.387	-0.303	-0.904				0.142
-1.762		0.654	-1.122	-0.451		0.407		0.588
-1.73		0.694	-1.005					1.214
-1.851	9.752				8.717			0.078
-1.818		0.362	-0.126				-0.141	0.115
-1.74		0.706	-1.06	0.772				1.364
-1.84		0.304			0.113		-0.31	0.071
-1.872	0.207	0.265				0.418		-0.76
-2.014	-6.997				-9.504	1.081	-0.016	4.365
-1.809		0.268						-0.539
-1.762	-0.692	0.467	-1.928	0.816		0.511		0.722
-1.863		0.362	-0.921	0.771	0.247	0.414		0.215
-1.864			-2.395	0.829		1.014	1.208	0.209
-1.827	8.853		9.387	-4.113				-3.851
-1.865		0.34	-0.751	0.772	0.167	0.423		
-1.81		0.584	-1.895	0.79		0.454		2.097
-1.798	-0.126	0.391	-0.471					0.198
-1.869		0.349	-0.571	0.77		0.423		-0.011
-1.889	1.371	0.035	1.491	0.781				
-1.803		0.375	-0.252					0.026
-1.898	1.401		1.519	0.782				0.07
-1.873	-0.695	0.914	1.601	0.756	-6.823	1.356	3.23	
-1.928			-0.715	0.784		0.585		-0.032
-2.113	8.597		4.97			1.835	5.759	-6.937
-1.81	0.115	0.343						-0.236
-1.88	3.193				4.024			-1.947
-1.871		0.14				0.408		-1.212
-1.817			2.46	0.799	-2.935			
-1.783	0.695							0.368
-1.865	9.068				7.906			0.537
-1.767								-1.079
-1.922	-1.082	-0.227					-1.774	1.726
-2.575			14.796		-16.107	1.669		
-1.809		0.341			-0.116			-0.235
-1.845	-16.313				-15.314		-5.285	8.664
-1.947	5.285				4.676	0.384	-1.171	1.136
-1.848	1.411	0.306			1.275		-1.993	3.007
-1.798		0.385	-0.878	0.77	0.486			0.278
-1.705	-0.653	0.502	-1.184	0.801				
-1.804		0.548	-1.726			0.456		1.72
-1.863			0.269	-3.17		0.481		-1.919
-1.827		0.343	-0.028	0.761			-0.178	
-1.83	0.378	0.345			0.216			0
-1.826		0.357	-0.097	0.761			-0.159	0.111
-1.868		-0.087	1.738	-2.012			-2.878	0.958
-1.706		0.655	-0.777	-0.893				0.567
-1.856			1.263	-1.852		0.093	-2.421	0.9

-1.831	0.484	0.216						0.95
-1.942					-1.222	0.844	1.026	-1.205
-1.953		-0.322	1.41				-1.503	0.672
-1.984		-0.172	-0.449			0.539	-0.515	1.489
-1.886	1.498	0.009	1.868	0.781				-0.592
-1.853		0.241	-0.104	0.766	0.269		-0.297	
-1.993		-0.127	-0.745	0.799		0.564	-0.41	1.892
-1.865					1.021		-0.753	-0.905
-1.755		0.53	-1.782	0.806	0.863	0.433		
-1.807		0.351	-0.492	0.769	0.25			
-1.848	-0.092	0.266	0.03	0.764			-0.266	
-1.807	-0.088	0.387	-0.41	0.765				0.18
-1.813		0.396	-0.345	0.762				0.27
-1.804	8.737	0.644			7.704		-0.728	1.125
-1.86			-2.336	0.831		1.012	1.242	
-1.872		0.195				0.399	-0.05	-1.039
-1.956			-0.959	0.637		0.553	-0.269	1.888
-1.813	0.006	0.363	-0.218	0.765				
-1.813	-1.374		-2.646			0.697		0.69
-2.352	3.146	0.632	12.886		-11.426	1.265		
-2.272	33.617		6.563	-5.256	20.202	2.749	13.604	-17.237
-1.838		0.46	-1.429	0.557		0.46		1.298
-1.956					-3.547	1.515	2.922	-1.521
-1.927	16.004	0.193	6.75	-1.942	9.817			-3.811
-1.84			1.911	-2.38	-1.669			-0.483
-1.862	-1.039						-0.967	-0.524
-1.804	-0.974	0.54	-2.424	0.785		0.421		1.576
-1.735	0.869	0.538						0.528
-1.793	-0.968	0.532	-2.366			0.418		1.429
-2.02	24.077		9.933		14.459			-5.379
-1.875			-1.485		2.064		-0.843	0.311
-1.916		-0.194			0.93		-1.421	1.302
-1.969			-1.324	1.001		0.625		2.06
-1.971		-0.028	-1.256	0.801		0.629		1.944
-1.968		0.023	-1.408	1.216		0.625		2.191
-1.856			0.866	-1.734			-1.088	0.416
-1.835		0.576	-0.43	2.881			-2.752	4.459
-1.877	-0.719		-0.058				-1.38	1.551
-1.922	6.2		6.763					-2.214
-1.966		-0.078	-1.03			0.628		1.494
-1.836	-0.201		0.834	-2.377			-1.162	0.067
-1.843			1.216	-2.389	-0.198		-1.057	-0.055
-1.865	-1.694		-0.858				-1.188	0.396
-2.03	2.483		0.15	0.765		1.038	2.209	-1.109
-1.876			-1.243	0.774	1.971		-0.867	
-2.019	2.347		0.078			1.014	2.122	-1.057
-2.004			0.877		-2.814	1.029	1.645	-0.925
-2.006	1.536				-0.596	0.998	1.874	-0.905

-1.96		-0.283	1.207	0.787			-1.448	1.031
-1.815		0.45	0.54	0.791		-0.135	-3.328	3.619
-1.768		0.525			-1.129			1.524
-1.817		0.12	1.476	-1.701		-0.045	-3.114	1.422
-1.802		0.436	-1.224	-0.637		0.473		0.626
-1.822		0.24			-0.518			0.962
-1.818	0.769							0.588
-1.731		0.464	-0.569	0.796				
-1.707		0.577	-0.852	0.795			0.355	
-1.866			-2.151	0.842		0.943	1.123	
-2.06	10.801		7.604	-6.165		1.968	6.698	-10.271
-1.748	-4.532	0.395			-4.158		-1.22	0.789
-1.811	11.924	0.733			10.448			0.409
-1.77		0.511	1.705	-1.263	-2.329			0.197
-1.882			-1.467	0.773	2.067		-0.856	0.311
-1.765		0.492	2.021		-2.638			0.167
-1.996			0.226		-4.268	1.611	3.25	-1.085
-2.512		0.031	13.06		-14.103	1.479		
-1.89	-0.859		-0.284	0.79			-1.442	1.929
-1.698		0.522	-1.552	0.805	0.989			
-2.011			0.852	0.766	-2.801	1.04	1.649	-0.919
-1.931		-0.326	1.869		-0.105		-1.493	-0.295
-1.928	-0.066	-0.321	1.693				-1.529	-0.241
-1.938		-0.272	0.545	-2.382		0.457	-0.786	-0.169
-1.835			2.254		-2.714			-0.036
-2.528	-0.27		13.408		-14.741	1.527		
-2.532			13.5		-14.551	1.526		-0.068
-2.533			13.42		-14.496	1.525	-0.001	
-1.881			0.399		0.255		-1.13	1.091
-1.727		0.54	-1.23	-1.267		0.495		0.639
-1.81		0.411	0.729			-0.138	-3.332	3.228
-1.78					-0.639			0.349
-1.769	-0.924	0.499	-2.088	-0.735		0.439		0.708
-1.806	-0.746	0.494	-2.799	0.809		0.497		2.995
-1.894	3.499		-2.667	0.775	6.141			
-1.877		-0.022	1.311			0.105	-2.468	0.898
-1.902	1.989		-1.542	0.77	3.82		-0.297	
-1.893	3.074		-2.222		5.284			0.015
-1.739		0.527	-1.735		0.489	0.481		0.711
-2.124	8.3		4.64	0.759		1.812	5.618	-6.478
-1.874	-2.371				-1.376		-1.262	0.27
-1.872	-1.398		-0.464	0.771			-1.093	
-1.915			-0.421			0.587	0.294	-1.01
-1.902	3.298		-2.321	0.773	5.615			0.018
-1.875	-1.613		-0.769	0.771			-1.164	0.364
-2.002			0.192	0.791	-4.197	1.601	3.215	-1.065
-1.867	0.293							0.889
-1.805	7.556	0.485	7.772	-3.026				-2.992

-1.829			0.204	-2.128				-0.279
-1.822	-1.383		-2.65	0.828		0.703		0.692
-1.761		0.555	1.929		-2.647			0.252
-2.04	24.242		9.692	0.797	14.735			-5.039
-1.766		0.241	-0.424	0.853				
-1.809		0.278	-0.645					1.139
-1.783		0.525	1.408		-2.145			0.515
-1.873			1.002				-0.502	-1.318
-1.827		0.149	1.27		-1.223			-0.261
-1.842		0.18	0.767	0.794		0.186	-1.645	
-1.871			1.451		-1.462			0.21
-1.802			0.634	-3.448				-1.821
-1.914	4.538		4.667	-0.938				-0.779
-1.703		0.602			-0.701			0.467
-1.895			0.231	0.786	0.332		-1.135	1.364
-1.741	-0.831	0.587	-1.949					1.597
-2.338		0.548	13.204		-14.755	1.361		
-1.753	-0.846	0.597	-2.034	0.772				1.803
-1.87			-1.147	-1.346		0.673		0.18
-1.752		0.638			-1.27			1.527
-1.782		0.216	-0.239	-1.796				0.102
-1.952	11.506		4.614	0.799	5.895			-0.096
-1.984	12.791		4.542	1.829	7.179			-0.06
-1.824		0.279	-0.723	0.783				1.379
-1.961		-0.357	1.987	0.789	-0.275		-1.496	
-1.792	-0.744	0.488	-2.688			0.496		2.688
-1.944	11.819		3.684	0.8	7.069			
-1.918			0.352		-0.255	0.502		-1.34
-1.915	-0.521				-0.636	0.537		-0.972
-1.733		0.324						-1.127
-1.96	0.154	-0.359	1.847	0.789			-1.478	
-1.792	7.433	0.774	6.705					-1.374
-1.916	0.109		0.195			0.492		-1.305
-1.937	6.046		6.491	0.776				-1.846
-1.796		0.376	1.922	0.776	-2.297			
-1.841			2.249	0.787	-2.702			-0.034
-1.842			2.143	0.786	-2.609			
-2.266		0.887	17.627		-17.199	0.852	-3.295	0.723
-1.825		0.404	-0.767	0.829		0.449		
-1.864					-0.155			0.657
-2.349	2.97	0.749	16.552		-13.984	1.062	-1.884	
-1.858			1.768		-1.514			-0.471
-1.792		0.534	1.067	0.76	-1.895			0.773
-1.93	10.484		4.548		4.993			-0.113
-1.864			-0.073					0.5
-1.855		0.043						0.273
-1.743		0.617	-2.883	0.78	1.568			2.016
-1.852		0.131	1.38	0.782	-1.387			

-1.805			-1.201			0.701		0.472
-1.772		0.495	2.011	0.773	-2.623			0.169
-2.285		0.669	13.356		-14.871	1.307		-0.313
-1.8		0.231	0.447	0.814		0.253	-1.482	
-1.717	-1.649	0.476	-1.997				-0.616	0.943
-1.728		0.659			-1.032		0.499	0.258
-1.731		0.652	-1.44	0.793				2.389
-1.748		0.532	-1.764	0.816	0.52	0.484		0.718
-1.846	-2.02		1.747		-2.417		-1.517	0.099
-2.254	7.336	0.992	11.394		-6.025	0.967		
-1.932		-0.204	-0.173	-2.154		0.605		-0.347
-1.796	-5.894	0.683			-7.84	0.701		2.028
-1.899		0.422	-2.358	3.08		0.57		3.591
-1.838	-4.341	0.442	1.529	-1.625	-6.76	0.664		0.052
-1.814	6.99	0.404	7.18	-2.747				-2.572
-1.732		0.608	-2.777		1.534			1.811
-1.93	0.581					0.516	-0.885	0.96
-1.932			-0.552	0.777		0.604	0.337	-0.778
-1.883			1.219	0.784	-1.341			0.508
-2.387		0.581	16.093		-16.28	1.074	-2.481	1.297
-1.806		0.439	-2.687	0.834		0.894	1.729	
-1.696		0.557	-0.552	0.806				
-1.785		0.278			-0.312			0.134
-1.94			-0.909	-0.352		0.625	0.458	-0.194
-1.72		0.642	-1.362					2.167
-1.753		0.388	-0.412	0.838				
-1.905					0.224	0.266	-1.905	1.559
-1.767		0.552	1.9	0.768	-2.61			0.254
-1.779		0.483	2.555	0.775	-3.094			
-1.796	7.28	0.816	6.373	0.757				-0.979
-1.777			-0.664					0.44
-1.941	-2.713		0.668		-3.902	0.677		-0.221
-1.88		0.007	1.265	0.802		0.107	-2.459	0.935
-1.959	5.371		5.221	0.205				-0.689
-1.879			1.593	0.783	-1.489			
-1.809					-0.654			0.417
-1.768		0.476	-1.908	-0.975		0.662	0.736	0.448
-2.03	12.716		3.169	1.723	9.208			-0.437
-1.974			-2.49	2.483		0.799		3.529
-1.936		-0.301	1.816	0.789	-0.089		-1.465	-0.277
-1.889	8.238		8.286					-2.409
-1.934	-0.066	-0.3	1.667	0.789			-1.506	-0.229
-1.892	0.921	-0.197			2.131		-1.218	0.042
-1.878			-0.197	0.786				0.844
-1.887			0.919	0.764			-0.489	-1.09
-1.812		0.158	-0.069					-0.039
-1.909	3.955	0.866	3.86	-0.945	-5.225	1.815	5.433	-3.621
-1.825	-5.598	0.517	1.963		-8.634	0.754		0.123

-1.724		0.472						-1.108
-1.907	-1.939	-0.252	1.968	0.789	-1.985		-1.905	
-1.833		0.16	1.198	0.782	-1.159			-0.24
-2.287		0.618	14.126		-15.395	1.34		-0.923
-1.768		0.537	-1.328	0.782				2.066
-1.802		0.254	1.479	-1.143		-0.135	-3.348	1.679
-1.932			0.15	0.772	-0.151	0.505		-1.071
-1.703	-0.797	0.542	-1.596	-1.33				0.679
-1.757		0.529	-1.247					1.833
-1.93	0.016		-0.023	0.773		0.501		-0.99
-1.771	-1.544		-2.176					0.585
-1.7	-0.678	0.53	-1.484					0.681
-1.781		0.514	2.382	0.766	-2.941			
-1.853	-4.154	0.462	1.212		-6.377	0.66		0.371
-1.742		0.394	-0.956	0.836			0.601	
-1.788			-0.655	-1.391				0.408
-1.829			-0.147	-1.577				0.222
-1.762	-3.74		-3.188				-1.69	1.348
-1.972			-0.781	0.77	-0.595	0.749	0.794	
-1.723	-1.613	0.48	-1.966	0.792			-0.6	0.937
-1.974			-1.446	0.793	-2.135	1.341	2.449	
-1.968	0.314		-1.013	0.771		0.717	0.765	
-1.949	-2.277		0.476	0.769	-3.242	0.653		-0.211
-1.929	-0.354		-0.786	-0.458		0.502		-0.073
-1.711	-1.758	0.516			-2.402			0.438
-1.768	-14.263	0.79			-15.246		-4.526	10.085
-1.76	0.595	0.667						0.397
-2.067	2.23	-0.47	2.504	-2.142		0.712		-1.012
-1.817			-1.192	0.83		0.705		0.47
-1.905	-6.407		1.986	-2.275	-9.258	0.936		-0.197
-1.866	0.461		1.074					-1.483
-2.304		0.731	17.09		-17.13	1.067	-2.21	
-2.118		0.994	10.803		-12.551	1.028		
-1.895			0.495	-0.719			-0.378	-0.252
-1.865			1.705	0.783	-1.447			-0.461
-1.714	-0.946	0.545	-1.386		-0.335			0.648
-1.932			-0.75	-0.439	0.372	0.475		-0.11
-1.945	-2.108		0.002	0.77	-2.698	0.64		
-1.851		0.056	0.082	0.787				
-1.849			0.192					-0.736
-1.787			-0.654	0.81				0.439
-2.567	4.507		15.419		-11.571	1.495		-1.678
-1.879	-0.346		1.6	0.786	-0.881		-1.074	
-1.8			-0.672					0.476
-1.937	-1.358		-0.689	0.773	-1.382	0.628	0.108	
-1.849	0.103							-0.207
-1.783		0.6	-2.885	0.788	1.392	0.357		1.694
-1.982		-0.274	0.306	0.802		0.518	-0.567	

-1.928	6.295	0.895	-0.029	2.872		1.676	5.267	-0.601
-1.848					0.112			-0.573
-1.859	-3.853	0.479	0.803	0.761	-5.771	0.638		0.67
-1.773		0.593	-2.739		1.322	0.356		1.491
-1.779	-1.533		-2.156	0.804				0.584
-1.693		0.551	-2.012		1.137			0.772
-1.739	-10.049		2.846		-10.756		-3.076	0.94
-1.873			0.917		-0.969			-0.206
-1.858			-0.088	-0.994				-0.079
-1.798	5.988	0.814	4.711	0.706				0.261
-1.852			0.202		0.129			-0.938
-1.872	14.144		8.177	-2.632	6.06			-3.426
-1.864	-0.906		1.362	0.787	-1.073		-1.285	0.033
-1.905	8.15		8.085	0.791				-2.069
-1.696		0.563	-2.243	-1.048	1.361			0.792
-1.818		0.173	-0.084	0.786				-0.018
-1.843		0.213	1.206	-0.869		-0.05	-2.763	1.436
-1.763	-2.94	0.465	1.494	0.786	-4.782			
-1.708	-0.675	0.535	-1.474	0.797				0.682
-1.803			-0.361	0.816				
-1.823			-4.168		2.927	0.526		0.864
-1.877			-0.813	0.814		0.57		
-1.754	-0.632	0.434	-1.587	0.822		0.516		
-1.838	-5.062	0.501	1.717	0.766	-7.809	0.733		0.125
-1.758		0.559	-1.13					1.447
-2.384	1.096	0.549	16.328		-15.644	1.203	-1.613	
-1.916			-3.26	0.829		1.057	1.259	2.315
-1.762		0.539	-1.053	-0.085				1.311
-2.459	11.137	0.325	10.27			0.872		-0.744
-1.765		0.584	-1.25	0.772				1.718
-1.771	-3.718		-3.163	0.806			-1.681	1.344
-2.118		0.772	9.283		-10.74	0.985		
-1.851	-5.18	0.474	2.097	0.763	-8.226	0.748		
-1.702		0.564	-2.281		1.418		-0.029	0.811
-1.898			-3.102			1.042	1.232	1.969
-1.751	-2.094	0.567			-2.846			0.853
-1.816			-0.749	0.798				0.705
-1.76		0.628			-1.43	0.515		1.3
-1.891			-2.606	-0.671		1.025	1.533	0.038
-1.827		0.483	-1.756			0.583	0.714	0.575
-1.792	-3.128				-3.518			0.215
-1.834		0.529	-2.02	0.783		0.602	0.797	0.963
-1.719	-0.841	0.549	-1.469	0.787	-0.154			0.666
-1.795			-0.139	0.847			-0.298	
-1.887			-2.489			1.026	1.51	-0.22
-1.825		0.449	-1.576	-0.353		0.581	0.668	0.261
-1.889	-0.283		-2.684			0.973	1.309	0.136
-1.824		0.573	-2.225	0.802		0.618	0.883	1.146

-1.881			0.903	0.769	-0.939			-0.21
-1.861			-0.522	-0.925	0.513			-0.097
-1.863			0.111	0.774				-0.501
-1.88	0.415		0.942	0.766				-1.232
-1.946	-5.179		1.924		-8.739	1.142	0.815	-0.488
-1.751		0.457	-0.669	-1.123				0.468
-1.831			-4.165	0.812	2.927	0.532		0.865
-1.753		0.564	-2.377	-0.567	1.194	0.381		0.778
-1.713	-5.364	0.274			-4.605		-1.775	1.016
-1.808	-1.266		-2.25	0.831		0.686		
-1.721		0.492	-0.808	-1.319				0.591
-1.872	3.212		0.369	-1.359	3.106			-0.407
-1.703		0.555	-2.05	0.802	1.178			0.781
-1.874	-1.534		-3.698	0.828		0.724		3.059
-1.779			-0.485	0.812				
-2.342	17.793	1.14	16.538			0.929		-3.636
-1.877			0.392	0.77	-0.524			
-1.762			-3.645		2.851			0.825
-1.77		0.233				0.346		-1.785
-1.78		0.576	-2.427	0.809	0.474	0.463		2.711
-1.875	0.017		0.116	-0.867				-0.247
-1.809			-0.999	0.832		0.693		
-1.808			-0.845	0.854		0.608		
-1.917	-6.249		1.868		-8.969	0.947		-0.252
-1.86	-1.499		-3.572			0.722		2.8
-1.942	4.11	0.901	1.995	1.467	-3.428	1.644	5.006	-1.717
-1.834	-1.83		-3.023	-1.334		0.632		0.677
-1.867			0.046	0.772	0.196			-0.678
-1.916	4.062	-0.129	0.334		4.163			-0.55
-1.801		0.618	-2.099	2.168		0.491		3.076
-1.885		0.777	4.329	-1.736	-8.426	1.578	3.923	-2.779
-1.913	4.309	-0.125			4.718			-0.525
-1.893	6.391		5.765	-0.489				-0.387
-1.903	-0.085		-2.634	0.806		1.02	1.473	0.068
-1.905			-2.612	0.806		1.038	1.542	0.037
-1.861			2.545	-1.345		-0.286	-4.455	1.842
-1.904	-0.031		-2.602	0.805		1.036	1.514	
-1.709		0.564	-2.293	0.796	1.44		-0.04	0.82
-1.79			-0.397	0.84				
-1.764	-1.391		-1.796	0.809				
-2.112	22.154	0.482	5.672	-3.388	9.846	2.439	10.663	-11.822
-1.732		0.665	-1.301				0.354	1.216
-1.827		0.148	-0.855	0.864		0.533		
-1.743		0.676	-1.366	0.77			0.354	1.404
-1.887	3.531		0.097		3.658			-0.285
-1.817	-8.582				-7.195		-2.658	1.916
-1.771		0.568	-2.374		0.489	0.46		2.524
-1.848	-1.857		-3.109			0.637		0.848

-1.694		0.593	-0.971				0.236	0.534
-1.73		0.656			-0.6			0.246
-2.385	2.101	0.525	16.346		-14.651	1.217	-1.396	-0.492
-1.862	7.222		8.462	-4.593				-4.246
-1.77			-3.633	0.811	2.848			0.825
-1.677		0.587	-0.798	-1.434				0.594
-1.768	-8.042		3.941	-4.888	-9.748		-2.771	0.443
-1.961	-4.996		1.992	0.778	-8.777	1.194	0.981	-0.558
-1.926	4.336	-0.129	0.151	0.788	4.623			-0.534
-1.919	3.827	-0.076	-0.078	0.788	4.088			
-2.502			16.49		-17.092	1.644		-1.848
-1.901	3.596		-0.13	0.787	3.845			0.013
-1.814			-3.427	0.817	2.506	0.549		
-1.948	-5.234		1.324	0.777	-8.07	1.054	0.535	
-1.865	-1.884		-3.216	0.804		0.641		1.084
-1.872		0.527	-2.993	3.121		0.691	0.771	3.334
-1.756	1.46	0.661						1.796
-1.844	1.558		2.136	-2.744				-1.21
-1.702		0.624	-1.04	-1.086			0.346	0.485
-1.99			2.992		-4.583	1.185	2.048	-2.964
-1.915	-4.087				-5.68	0.994	0.567	0.039
-1.83	-0.903		-1.667	0.842		0.552		
-1.794			-0.98	0.812			0.69	
-1.934	-6.213		1.671	0.777	-8.834	0.95		0.018
-1.835			-2.36	-1.784		0.99	1.156	0.231
-2.6			17.211		-17.656	1.565	-1.21	
-1.771		0.659			-0.815	0.395		-0.059
-1.737		0.578	0.11	0.798	-1.257		0.775	
-1.864	1.46	-0.016	1.812	-1.897				-0.584
-1.811		0.304	-1.369		1.391		-0.491	0.439
-1.704		0.598	-0.969	0.796			0.241	0.535
-1.742	-0.691	0.451	-1.928	-1.278		0.5		0.718
-1.718	-15.527	-0.205	6.419	-7.361	-18.289		-4.548	0.849
-2.407		0.094	13.716		-14.086	1.363		-1.574
-1.817	1.768	0.329	-1.762		3.19			0.278
-1.91	3.462	0.546			-0.03	0.952	1.693	1.519
-1.907		0.196	0.066	1.702		0.11	-2.527	3.642
-1.912		0.093	0.349	0.799		0.129	-2.456	3.026
-1.804	-1.091	0.307	-0.924				-0.687	0.48
-1.871			-0.315	-2.34		0.55		-1.003
-1.945	23.405		11.314	-3.827	13.024			-6.957
-1.93	2.019		-2.057	0.832		1.44	2.827	
-1.937			0.446	0.746		0.16	-2.426	2.902
-1.879	1.04		-2.104			1.219	2.004	-0.122
-1.787	-7.718		-0.023		-6.235		-2.432	1.08
-1.743		0.507	-1.148	0.822	0.175	0.503		
-1.907		0.047	0.519			0.132	-2.418	2.635
-1.9		0.173	0.535	1.426			-2.987	3.6

-1.815	1.072							1.37
-1.838		0.263	-0.227	-1.995		0.425		-0.884
-1.832	2.248	0.29	-1.73	0.773	3.787			
-1.827	1.97	0.323	-1.837	0.772	3.482			0.274
-1.814			3.161		-3.589			-0.125
-2.296	12.397	1.033	10.405			0.776		
-1.82		0.302	-1.315	0.772	1.361		-0.5	0.428
-2.467	12.158	0.443	9.913			1.19	1.56	-1.28
-1.933		-0.436	2.34	-3.033	-0.349		-1.608	-0.418
-1.877								0.065
-1.925	-0.217	-0.429	1.786	-2.978			-1.744	-0.248
-1.925		-0.438	2.04	-3.199			-1.663	-0.48
-2.357	5.188	0.694	13.828		-10.211	1.24		-0.69
-1.841	-0.368	0.368	-1.126	-0.516		0.419		0.297
-2.468			15.072		-15.637	1.554	0.198	-1.857
-1.753			-2.89	0.816	2.423			
-1.817			1.319	-3.849			-0.533	-2.197
-1.752	-9.648		2.505	0.8	-10.094		-2.993	0.969
-1.846	-0.309	0.355	-0.997			0.427		0.133
-1.845		0.535	0.511	0.797	-1.344	0.483		
-1.827	-0.421	0.251					-0.519	-0.28
-1.831		0.238			0.432		-0.439	-0.448
-1.815	-1.023	0.305	-0.834	0.77			-0.678	0.451
-1.827		0.255	-0.827	0.771	1.09		-0.502	
-1.879	1.389	0.024	1.572					-0.177
-1.817	-1.92	0.295			-1.543		-0.807	0.354
-1.745	-0.675	0.577	-2.136	0.789				2.51
-1.782		0.313	0.009	-2.01				-0.627
-1.801	-3.433		0.689	0.8	-4.389			
-1.723	0.649	0.599						0.45
-1.843	1.882	0.207			2.242			-1.119
-2.003			2.63	0.767	-4.291	1.164	1.979	-2.564
-1.783		0.39	-0.921	-0.983	0.51			0.289
-1.807						0.463		-2
-1.816					-1.027	0.666		0.268
-1.853	2.903	0.283	-1.528	0.769	4.078		0.252	
-1.857		0.328	-0.56		0.063	0.421		-0.213
-1.873	3.852		-1.31		5.747			-1.462
-1.751		0.425				0.294		-1.681
-1.893	1.161		-2.081	0.83		1.25	2.118	-0.17
-2.413	9.6	0.376	8.613			0.772		
-2.363	12.64	0.88	10.844			0.82	-0.097	
-1.794	-1.357		-2.639	-2.053		0.689		0.697
-1.734	-0.676	0.568	-2.057					2.285
-1.853		0.361	-0.949	-0.335	0.271	0.403		0.22
-2.346	12.487	0.914	10.586			0.819		0.023
-1.778		0.682	-1.269	0.325		0.393		1.041
-1.859	10.932				9.982			-0.319

-1.851	-0.406	0.393	-1.276	0.774		0.426		0.555
-1.81		0.364	-0.146	-0.854			-0.127	0.118
-1.992	6.021					1.969	5.358	-1.705
-1.79		0.404	-1.077		0.588			0.474
-1.828	9.37		10.136	-4.54				-4.528
-1.73	0.882	0.583	-0.476	0.808			0.982	
-2.389	4.241	0.558	14.412		-11.559	1.331		-0.924
-1.789	-0.166	0.393	-0.529	-1.016				0.215
-1.819		0.315	0.106				-0.208	-0.262
-1.825	-0.667	0.269	-0.353	0.769			-0.561	
-1.718	-1.439	0.505	-0.389	0.791	-1.535			
-1.824		0.663	-2.282	2.43		0.461		2.913
-1.867			1.46	-3.863	-0.868	0.491		-2.616
-1.735		0.699	-1.034	0.333				1.301
-2.349	-34.382		17.152		-48.657	0.873	-9.467	11.714
-1.827			3.283	0.798	-3.742			
-2.277	-8.908	0.719	16.932		-24.817	0.77	-5.182	4.269
-1.832	0.818	0.612				0.34		0.339
-1.78	-5.097	0.409			-4.839		-1.369	1.559
-1.864		0.357	-0.846	0.771	0.202	0.416		0.144
-1.799	-0.118	0.387	-0.452					0.178
-1.885	1.26	0.062	1.258	0.781				0.238
-1.823			3.02	0.799	-3.446			-0.105
-1.798		0.431	-1.31	0.768	0.685			0.802
-1.865	0.374		0.887	-3.589		0.461		-2.398
-1.942	-0.661	-0.3	0.681				-1.739	1.219
-1.737		0.602	-2.689	0.793	1.156			2.606
-1.879	3.557				4.364		0.09	-2.071
-1.769								-1.088
-1.782	-0.734		-1.06	0.835				
-1.819		0.533					-0.585	0.524
-2.562	-0.741		14.795		-16.82	1.678		
-1.781		0.3	-0.801	0.863		0.486		
-1.795	-7.613		-0.078	0.786	-6.09		-2.411	1.086
-2.572			15.041		-16.292	1.675		-0.177
-1.888	3.989		-1.57	0.776	6.059			-1.217
-1.866			-0.005	-3.008		0.534	0.175	-1.779
-1.704	-0.604	0.495	-1.135	0.804				
-1.704	-0.803	0.486	-1.236	0.803			-0.109	
-1.981			1.477		-5.377	1.729	3.561	-2.389
-1.866			-0.9	0.797		0.584		
-1.778								-1.052
-1.862			-0.775		1.659		-0.831	-0.48
-1.741	1.198	0.705					0.743	0.166
-1.884		-0.123	1.452	-2.077		0.115	-2.442	0.743
-1.766			-0.353	0.84				
-1.807			-0.534					0.284
-1.864			-1.004			0.57		0.3

-1.751	-1.847	0.512	-2.512				-0.699	2.052
-1.76	-1.797	0.526	-2.539	0.776			-0.672	2.21
-1.828		0.344	-0.031	0.76			-0.179	0.013
-1.911		0.431						0.171
-1.725		0.595	-2.568		1.12			2.368
-1.806					-0.96			1.24
-1.951		-0.316	1.221		0.155		-1.521	0.764
-1.804	-0.205	0.421	-0.698	0.764				0.548
-1.985		-0.16	-0.517	0.104		0.545	-0.489	1.569
-1.818		0.117	1.479	-2.075	-1.39			-0.319
-1.756		0.485	2.116	-1.601	-2.728			0.15
-1.776		0.51	1.269		-2.193			1.011
-1.745	-2.067	0.539			-3.137			1.691
-1.751			-0.589					0.401
-1.808			-0.421	0.798				
-1.731	-3.456		-2.893				-1.737	1.373
-1.951	-0.854	-0.27	0.308	0.791			-1.78	1.723
-2.334	3.992	0.709	12.652		-10.409	1.207		
-1.812	0.695		1.743	-4.101				-2.676
-1.705		0.611			-0.948		0.343	0.341
-1.855	-1.776		-0.938	-1.124			-1.22	0.429
-1.831			2.122	-2.771	-1.752			-0.819
-1.859	-1.247		-0.246				-1.035	-0.32
-1.87			-1.459	-0.619	2.026		-0.829	0.301
-1.873			-0.999	0.796		0.574		0.3
-1.857	-0.556		0.252	-1.345			-1.315	1.002
-1.838			1.772	-2.282	-1.538			-0.463
-1.832			-1.719			0.712		1.852
-1.801	-0.936	0.548	-2.371	0.61		0.412		1.559
-1.833		0.546	-0.004	2.713		-0.105	-3.214	4.54
-1.825			2.256	-1.477	-2.723			-0.037
-1.815			-0.524	0.797				0.284
-2.714	17.131		16.529			1.326		-3.23
-1.786		0.517	1.014	0.774	-2.038			1.293
-1.874	-0.133		-1.459		1.927		-0.877	0.325
-2.307		0.835	16.834		-16.608	0.852	-3.368	1.576
-1.881	1.005		-1.669	0.774	3.227		-0.663	
-1.718		0.634			-0.956			1.188
-1.701		0.544	-1.27	0.801	0.526		0.219	
-1.784			-1.215	-2.432		0.693		0.482
-1.795		0.386			-0.842			1.266
-1.756	-2.625				-3.082			0.287
-1.853			0.95	-1.865	-0.073		-1.067	0.342
-1.973		-0.021	-1.288	0.943		0.629		2.012
-1.844	-0.784	0.508	-3.103	2.856		0.513		3.72
-2.015	1.035		0.635		-1.764	1.053	1.943	-1.032
-2.47	12.188	0.384	10.984			0.969		-0.627
-1.874			-1	0.773	1.794		-0.845	-0.198

-2.032	2.571		0.154	0.552		1.06	2.293	-1.139
-1.913	-2.436	-0.327	2.708		-2.983		-2.035	-0.146
-1.753		0.559	1.907	-1.389	-2.639			0.262
-1.834		0.193	0.638		-0.968			0.638
-2.034	2.054		0.408	0.765	-0.742	1.083	2.24	-1.142
-2.002			0.868	-0.278	-2.802	1.025	1.64	-0.922
-1.996			1.214	0.794	-5.187	1.72	3.525	-2.074
-1.792		0.356	1.955		-2.303			-0.032
-1.702		0.56	-0.819	0.801			0.316	
-1.955		-0.272	0.913	0.788	0.251		-1.464	1.117
-1.74	-3.928	0.405	-0.6		-3.097		-1.132	0.866
-1.847			-1.832	0.83		0.717		2.16
-1.726	0.312	0.587						-0.447
-1.728		0.519	-1.691	-1.275	0.448	0.478		0.704
-1.824			2.621		-2.93			-0.445
-1.806	-8.057	0.721	1.772		-11.77	0.84		1.755
-1.744	-2.632		-2.122	0.814			-1.05	
-1.741		0.361						-1.189
-1.761		0.62	1.347		-2.401			0.985
-1.888	0.687		-1.632	0.772	2.812		-0.694	0.25
-1.992			0.225	-0.431	-4.263	1.607	3.247	-1.083
-1.695		0.518	-1.459	0.808	0.896			
-1.763		0.502	1.938	-1.673	-2.481			-0.029
-1.748	-1.247		-1.891					0.584
-1.699	-1.704	0.436	-1.956				-0.763	1.007
-1.801	-7.006	0.552	2.653	-2.278	-10.82	0.814		0.108
-1.823		0.49	1.278	0.82	-2.235	0.606		
-2.508		0.042	12.922		-14.054	1.491	0.098	
-1.755		0.478	0.221	0.822	-0.652			
-1.908								0.047
-2.511		0.03	13.129		-14.153	1.481		-0.054
-2.512	0.014	0.031	13.058		-14.086	1.479		
-2.303	2.527	0.893	17.059		-14.462	0.865	-2.893	0.638
-1.785	7.761	0.661	7.531	-2.234				-2.445
-1.932			5.169	-5.229	-6.276	1.268	2.378	-5.091
-2.529	-0.201		13.444		-14.701	1.527		-0.028
-2.528	-0.27		13.408		-14.741	1.528	0	
-2.532			13.518		-14.588	1.533	0.024	-0.085
-2.727	14.941		13.811			1.215		-1.164
-1.851	-10.768	-0.526	6.251	-6.366	-13.124		-4.084	0.17
-1.811	-8.03	0.745	1.519	0.757	-11.613	0.837		2.054
-1.767		0.647	1.082	0.764	-2.285			1.329
-1.842		0.216	0.377	0.781	-0.844			0.97
-1.772		0.255	-0.425	0.848				
-2.453	11.505	0.433	10.09			0.935		
-1.808						0.48		-1.989
-1.763			-0.577	0.82				0.399
-1.895	3.072		-2.187	0.248	5.254			0.007

-1.762		0.268	-0.542	0.85			0.134	
-1.872	-1.376		-0.441	0.771			-1.084	-0.019
-1.811		0.082	0.057	-2.017				-0.154
-1.804			1.23	-3.791	-0.432			-2.167
-1.803		0.249	-0.524	-0.777				0.848
-1.757	0.919	0.6				0.349		0.431
-1.833			0.128	-1.942				-0.077
-1.798	-0.352	0.313	-1.101	0.849		0.445		
-1.707	-1.656	0.472	-2.004	-1.388			-0.615	0.938
-1.86	-7.025		3.7	-4.557	-11.001	0.982		-1.816
-1.801			0.532	-3.347				-1.652
-2.316	4.278	0.894	16.983		-12.866	0.914	-2.374	
-1.819		0.233	-0.545					1.031
-1.778	-9.643		5.344	0.805	-13.273		-2.03	
-1.761			-0.675	-1.777				0.445
-1.923	-1.542		0.993		-2.595	0.608		-1.2
-1.871			1.2		-1.195			0.231
-1.743		0.344	-0.409	0.849				
-1.958	-1.501	-0.385	2.795	0.787	-2.275		-1.82	
-1.745	-0.845	0.589	-1.987	0.235				1.667
-1.824		0.275	2.069	0.778	-2.296			
-1.741	-0.833	0.586	-1.974		0.019			1.606
-2.336		0.546	13.504		-14.987	1.37		-0.206
-1.751	-0.69	0.599	-2.224	0.774	0.316			1.856
-1.743	-3.453		-2.885	0.821			-1.728	1.369
-1.966	12.094		4.636	1.465	6.429			-0.085
-1.796			-0.988					1.322
-1.734		0.644	-1.524	0.791			0.156	2.266
-1.742	-2.938	0.439	1.843	0.799	-5.141			
-1.824		0.273	-0.698	0.785				1.344
-1.746	-3.798		-3.239	-2.128			-1.72	1.367
-1.839			2.408	0.787	-2.808			-0.175
-1.796		0.377	1.895	0.776	-2.274			0.005
-2.173	3.082	0.721	9.235		-7.652	0.958		
-1.723		0.635	-1.45				0.163	2.037
-1.928	-3.49		1.039	-1.386	-5.097	0.721		-0.242
-1.743		0.614	-3.032	0.781	1.759		-0.089	2.097
-1.787	-4.035		-3.701				-1.813	2.253
-1.744	-3.646	0.417	-0.714	0.781	-2.766		-1.062	0.868
-1.829	-4.738	0.416	2.175	-2.486	-7.611	0.699		-0.492
-1.753	-0.19	0.35	-0.59	0.843				
-1.758	-1.563		-2.208	-1.757				0.59
-1.687	-0.675	0.523	-1.485	-1.509				0.68
-1.747		0.62	-2.907	1.002	1.568			2.082
-1.812			-1.089	0.809				1.616
-1.758	-1.263		-1.9	0.816				0.589
-1.73		0.664			-1.055		0.504	0.312
-1.738		0.658	-1.49	1.296				2.534

-1.709	-1.666	0.445	-1.931	0.805			-0.736	0.997
-2.614	4.507		17.036		-13.401	1.652		-1.773
-1.931	4.382					1.715	4.524	-3.609
-1.731		0.606	-2.86		1.649		-0.061	1.858
-1.885			0.961	0.783	-1.068			0.559
-2.296	9.619	0.565	8.214			0.822		
-1.726		0.505					-0.128	-0.864
-1.757			-0.423	0.821				
-1.79	-4.085		-4.263	0.822			-2.13	4.329
-1.755	-2.224	0.45	-3.094	0.801			-1.15	3.661
-2.49	12.796	0.271	12.151			0.98		-1.833
-2.113		1.136	16.327		-14.129		-6.061	2.537
-1.778	-4.085		-4.178				-2.15	4.132
-1.721		0.449						-1.081
-1.801	-4.114		-3.837	0.799			-1.848	2.509
-2.497	4.618	0.112	13.861		-9.869	1.326		-1.447
-1.928	-1.089	-0.3	2.173	0.789	-1.363		-1.705	-0.207
-2.434	9.107	0.326	10.422		-2.028	0.877		-0.851
-1.936	-1.325		0.676	0.771	-2.141	0.596		-0.939
-1.702	-1.121	0.523	-0.946		-0.921			0.593
-1.817	-7.442		3.018	0.787	-9.461		-1.276	
-1.763			-0.462	-2.29				-0.133
-1.779	-1.587		-2.317					0.856
-1.708	-1.164	0.54	-1.184	-1.399	-0.731			0.609
-1.764					-0.494			0.293
-1.772	-1.717		-1.969		-0.358			0.551
-1.745	-2.213	0.443	-3.007				-1.138	3.417
-1.766		0.535	-1.312	0.633				2.017
-1.856			1.717		-1.423			-1.079
-1.727	-8.161	0.17	2.151		-8.779		-2.455	0.882
-2.1	-18.294	0.826	15.319		-30.52		-9.05	8.625
-1.744		0.405	-0.97	0.833			0.616	
-1.808	-0.529		-1.342	0.86		0.591		
-2.591	4.879		15.731		-11.896	1.622	0.422	-1.882
-1.969	-1.029		-0.31	0.769	-1.981	0.772	0.638	
-1.743			-2.976		2.21			0.761
-1.792			-0.816	0.825	0.463			
-1.683		0.544	-1.982	-1.269	1.106			0.765
-1.922	-6.276		2.287	-2.151	-9.69	1.03	0.295	-0.358
-1.825					-0.404			0.162
-1.794	-1.617		-2.427	0.801				1.098
-1.773	-8.631		0.56	-3.164	-7.528		-2.629	1.05
-1.866			0.957	-0.945	-1.027			-0.2
-1.84			-1.238	0.826	0.465	0.521		
-2.286	13.699	1.162	12.726			0.532	-1.526	
-2.714	15.026		13.759			1.294		-1.081
-1.786		0.606	-2.896	0.958	1.378	0.357		1.767
-1.757			-4.376		3.834		-0.434	1.096

-1.781	-1.687		-1.973	0.803	-0.317			0.553
-1.85			-2.215	-2.085		0.997	1.436	-0.766
-1.815			-4.174	-0.911	2.929	0.522		0.865
-1.693		0.547	-2.114		1.283		-0.071	0.812
-1.711	-1.002	0.53	-1.08	0.794	-0.679			0.618
-1.774	-3.259		1.21	0.82	-4.753			
-2.048			8.023	0.788	-9.595	1.227		
-1.697		0.561	-2.303	-0.921	1.437		-0.028	0.811
-1.764	-3.176	0.454	1.607	0.785	-5.056		-0.074	
-2.47	11.382	0.308	10.476			0.905		-0.756
-2.033	5.895					1.823	5.528	-1.934
-1.821			-4.127		2.903	0.528		0.812
-1.777		0.266				0.338		-1.831
-1.87			1.441	0.77	-1.242			-0.798
-1.753			-3.018	0.82	2.258			0.767
-1.927			-3.351	1.307		1.067	1.277	2.503
-2.204	-42.943		11.707		-52.247	0.803	-9.052	13.872
-1.759		0.565	-1.159	0.152				1.51
-1.793			-1.01				0.608	0.164
-1.913	-0.055		-3.267	0.83		1.045	1.217	2.307
-1.77			-0.861	0.83			0.561	
-1.75	-1.177		-1.588	0.818				
-1.777	-7.096		1.071	0.791	-6.706		-1.94	
-2.338	13.604	1.013	16.118		-3.82	1.047		-2.923
-1.873	-0.568		-2.754	-0.972		0.908	1.073	0.235
-1.752			-3.657	-1.335	2.853			0.827
-1.789	-3.088				-3.453			0.138
-1.895	0.035		-3.048			1.042	1.25	1.882
-1.757	0.402	0.571				0.325		-0.9
-1.793			-0.141	0.848			-0.294	
-1.811		0.59	-2.801	2.548	0.61	0.469		3.366
-1.946	-5.03		2.369		-9.086	1.212	1.03	-0.99
-1.829		0.496	-1.83	0.235		0.59	0.735	0.689
-1.765			-4.38	0.814	3.855		-0.446	1.102
-1.888	-0.021		-2.504			1.023	1.495	-0.194
-1.918					-0.873	0.598		0.141
-1.905	3.798	-0.139	0.577	-1.392	3.668			-0.582
-1.9		0.28						0.148
-2.442	-57.378	-0.713	16.292		-69.51	1.06	-12.69	18.335
-1.857	3.335		0.708	-2.103	3.124			-1.027
-1.836			-4.309	0.811	2.996	0.528		1.073
-2.485	13.801	0.408	11.648			1.317	1.715	-2.418
-1.757		0.484					-0.673	0.624
-1.768			-3.798		2.922			1.047
-2.523			17.866		-17.849	1.529	-1.03	-1.452
-1.701		0.55	-2.146	0.803	1.318		-0.072	0.82
-1.754								-0.914
-1.683		0.585	-0.97	-1.384			0.23	0.533

-1.887	-1.551		-3.843	1.358		0.735		3.386
-1.796			-0.928	0.801			0.593	
-1.773	-2.013		-1.161	0.805	-1.225			
-1.801			-0.999	0.8			0.605	0.165
-2.342	17.792	1.141	16.546			0.926	-0.017	-3.624
-1.82	-1.778		-2.86	-1.808		0.633		0.359
-1.917	4.206	-0.14	0.354		4.34			-0.663
-1.903	-0.048		-2.607	0.807		1.027	1.498	0.02
-1.735		0.668	-1.319	0.207			0.356	1.263
-1.782			-3.95	0.809	2.987			1.299
-2.408	9.68	0.46	7.845			0.92	0.891	
-1.814	-8.079		-0.541		-6.295		-2.58	2.051
-2.228	6.5	0.485	5.716			0.563		
-1.786	-0.35		-1.169	0.821			0.528	
-1.798			3.298	-2.179	-3.731			-0.141
-2.446	10.174	0.441	10.113		-2.033	1.199	1.558	-1.391
-2.624			17.17		-17.515	1.5	-1.701	0.743
-1.96	-4.695		2.03	0.779	-8.605	1.227	1.14	-0.77
-2.399		0.142	13.408		-14.246	1.462	0.559	-1.753
-1.925	4.122	-0.111	0.09	0.787	4.359			-0.284
-1.728		0.56	0.288	0.806	-1.406		0.738	
-1.863	1.9	-0.134	2.837	-3.389				-1.842
-1.735	-7.245	0.216	1.645	0.795	-7.611		-2.19	0.884
-1.868								0.104
-1.831	3.443		-0.354	-3.116	4.72			-2.38
-2.375	-12.238		9.279		-23.07	1.583		2.811
-1.791			-1.096	0.815	0.138		0.668	
-2.014		0.415				0.27		0.088
-1.86	0.743		-2.168	-1.504		1.149	1.747	-0.013
-1.929			2.768	-3.745	-6.393	1.801	3.797	-3.84
-1.946	5.149					1.85	4.821	-2.578
-2.581	-0.977		17.192		-18.571	1.574	-1.213	
-1.795	-1.166	0.307	-0.999	-1.045			-0.714	0.512
-1.805		0.311	-1.296	-0.735	1.287		-0.452	0.417
-1.719	1.032	0.639					0.486	0.286
-1.828	-8.043		-0.769	0.778	-6.111		-2.596	2.318
-2.173	13.408	1.32	14.152				-3.565	
-2.453	10.366	0.325	9.258			0.867		
-1.826	2.357	0.257	-1.501		3.824			-0.364
-1.812	0.22	0.308	-1.38		1.578		-0.426	0.409
-1.812		0.301	-1.282		1.326		-0.484	0.378
-1.78	0.42							0.264
-2.468	12.454	0.451	10.296			1.177	1.277	-1.124
-2.061						0.387		-0.044
-1.783						0.453		-1.801
-1.752	-8.981		3.587	0.803	-10.671		-2.347	
-1.811	1.646	0.334	-1.743	-0.377	3.035			0.289
-1.798		0.2	0.657	-2.813			-0.334	-1.282

-2.678	14.146		17.257		-3.447	1.358		-3.549
-1.805	-1.15	0.324	-1.067				-0.694	0.688
-2.587			21.993		-19.907	1.067	-4.524	
-1.743			-2.427	0.822	1.966			
-1.839	0.304							0.123
-1.818			0.171	-3.234	1.038		-0.743	-1.55
-1.824			2.768		-3.397			0.418
-1.916		0.146	0.129	1.473		0.133	-2.444	3.425
-1.706	-3.504		-2.925	-2.755			-1.792	1.407
-1.879		0.494				0.178	-0.637	0.489
-1.731	-3.3	0.415	0.257	0.788	-3.386		-0.675	
-1.843		0.225	0.474	-2.577	-0.452	0.44		-1.43
-1.87								0.08
-2.486			18.552		-16.783	1.003	-3.801	
-1.867							-0.383	0.274
-1.824	1.12	0.311	-1.62	0.772	2.594		-0.237	0.344
-1.832	2.258	0.292	-1.754	0.773	3.814			0.014
-1.832	1.972	0.284	-1.625	0.773	3.476		-0.076	
-1.838	-0.064	0.269	-0.341	-1.819		0.428		-0.787
-1.814	-0.749		0.547	-3.471			-0.855	-1.524
-1.819		0.33	-1.574	0.771	1.463		-0.48	0.73
-1.837			-0.624			0.594		-0.79
-1.872						-0.025		0.076
-1.748			-3.104	0.818	2.799		-0.197	
-1.868	-2.573		2.702	-4.394	-4.861	0.663		-2.586
-2.466	12.14	0.445	9.893			1.188	1.566	-1.281
-1.766	-0.487		-0.822	0.845				
-1.81	-1.239	0.359	-1.325	0.769			-0.691	1.069
-1.927		-0.45	2.616	-3.406	-0.479		-1.602	-0.788
-1.786							-0.496	0.425
-1.772			3.948	-3.628	-3.807			-1.703
-1.923	-0.251	-0.423	1.736	-2.954			-1.746	-0.226
-1.747		0.393				0.303		-1.663
-1.764	-0.249							-1.584
-1.716	0.537	0.58						0.132
-2.331	12.513	0.976	10.99			0.685	-0.701	0.411
-1.735		0.451	0.664	0.834	-1.102			
-1.728			-0.612	-2.554				0.413
-2.289	-22.596	0.383	16.847		-37.415	0.785	-7.511	8.281
-2.393	10.858	0.424	10.186			0.77	-0.854	
-1.749	-1.025	0.569	-1.715	0.787	-0.718			2.425
-1.827	-0.392	0.249			0.034		-0.516	-0.294
-2.399	8.744	0.38	8.548		-0.739	0.766		
-1.77	-3.86	0.444	-1.23		-2.753		-1.157	1.904
-1.779		0.337	-0.403	-1.693	0.259			-0.308
-1.785	0.15	0.29	0.286	-2.296				-0.885
-1.88	5.9		-1.436		7.743		0.509	-2.073
-2.135	-47.233		15.217		-56.928		-14.069	16.895

-1.783	-2.98				-3.839			1.435
-1.752	-0.676	0.581	-2.177	1.197				2.629
-1.712	-1.588	0.49	-0.033	0.796	-2.03			
-1.739	-1.155	0.558	-1.47		-0.991			2.156
-1.838			2.479	0.8	-3.232			0.773
-1.767							0.218	-1.469
-1.751		0.437				0.287	-0.042	-1.589
-1.818					-1.066	0.668		0.374
-1.72	0.897	0.646					0.603	-0.357
-2.51	10.021		10.882			0.562	-2.083	
-1.778	-3.512	0.465	-1.53	0.768	-2.261		-1.079	2.114
-1.727	0.914	0.575	-0.44	0.812			0.975	
-1.77			-0.986					1.478
-1.787			-0.268					-0.439
-2.697	13.662		12.085			1.26		
-1.735	-4.704	0.372	-0.151	-2.219	-4.129		-1.301	0.832
-1.734		0.592	-3.044	0.798	1.596		-0.217	2.855
-1.9		0.395						0.184
-2.454	9.893	0.265	12.899		-3.356	1.015		-2.264
-1.774	-1.306		-2.439					1.904
-1.722		0.64			-1.198		0.342	1.059
-1.793						0.502	0.314	-2.622
-1.753			-0.808				0.288	0.326
-1.852			-0.691	0.801		0.596		-0.584
-1.795			-0.546	-1.417				0.286
-2.144		1.121	14.874		-13.113		-5.98	3.713
-1.75		0.61	-2.799	1.652	1.176			2.869
-1.784	-0.139	0.278	-0.933	0.865		0.489		
-1.728	-1.242		-1.908	-2.168				0.597
-1.855			-1.008	-1.065		0.565		0.302
-1.893	6.096		-1.767	0.777	8.155		0.527	-1.804
-1.792		0.285	1.965	-1.879	-2.193			-0.129
-2.457	15.595	0.516	13.432			1.421	2.542	-4.645
-1.788	-1.323		-2.533	0.815				2.137
-1.767			-0.087	0.837	-0.27			
-1.723		0.586	-2.84		1.476		-0.187	2.556
-1.785			-1.086	0.82				1.772
-1.774					0.069			-1.209
-1.759	-6.738	0.252	3.963	0.799	-9.876		-1.173	
-1.701	-0.776	0.479	-1.201	0.806			-0.119	
-2.563	-0.593		14.875		-16.737	1.678		-0.058
-1.8			3.114	-4.292	-2.312			-2.483
-1.685	-1.82	0.412	-2.017	-1.868			-0.846	1.042
-2.47	11.263	0.385	13.299		-3.916	1.443	1.874	-3.372
-1.757	-1.856	0.517	-2.554	0.399			-0.704	2.156
-2.754	18.281		17.189			1.498	0.569	-3.681
-1.765		0.497	1.665	-1.058	-2.445			0.612
-1.798		0.396	1.258		-1.948			0.806

-1.801			-0.333	0.8				-0.235
-1.817		0.12	1.437	-2.122	-1.353			-0.323
-1.81			-1.545	-1.397		0.703		1.37
-2.323	7.897	0.328	7.992			0.51	-1.026	
-1.732	-2.451		-1.96	0.823			-1.038	
-1.856	-1.37		-1.078	-1.111	0.477		-1.129	0.405
-1.887	0.817					0.581		0.219
-2.696	16.748		16.259			1.288		-3.298
-1.831			2.152	-2.784	-1.771			-0.855
-1.815					-0.893		0.645	-0.044
-2.488	5.792	0.221	13.062		-8.804	1.465	1.023	-1.71
-2.713	16.91		16.225			1.329		-2.991
-1.764			-0.804	0.818			0.297	0.322
-1.752	-2.144		-0.756		-1.922			0.408
-1.963	0.658					0.525		0.104
-1.803		0.439	1.054	0.775	-1.922			1.169
-2.442	11.329	0.483	9.42			1.011	0.566	
-1.746	0.717	0.562				0.376		-0.199
-1.699		0.539	-1.197	0.804	0.457		0.215	
-2.706	13.516		13.956		-1.458	1.219		-1.249
-2.247			8.949	0.787	-10.311	1.33		
-1.801	-7.832	0.662	2.202	-1.235	-11.688	0.836		1.128
-2.472	12.293	0.377	11.128			0.974		-0.739
-2.018	1.133		0.602	0.154	-1.654	1.057	1.968	-1.04
-1.754		0.579	1.789	-1.121	-2.62			0.476
-2.178	10.744	1.229	10.896				-3.338	1.984
-1.881	-5.475		4.073	-4.633	-10.733	1.257	1.135	-2.654
-1.819					-0.176	0.523		-1.678
-2.753	15.557		14.303			1.27		-1.158
-1.799	-0.129					0.453		-2.208
-2.679	5.796		20.557		-13.377	1.077	-3.867	
-2.704	14.437		13.555			1.138	-0.258	-1.038
-2.168			9.446		-10.49	1.286		-0.921
-2.504		0.047	13.037		-14.166	1.501	0.153	-0.149
-2.509	0.139	0.045	12.891		-13.894	1.487	0.105	
-2.512	0.343	0.035	13.164		-13.83	1.472		-0.12
-1.767		0.286	-0.555	0.844			0.146	
-2.142	3.087	1.18	15.441		-10.64		-5.532	2.46
-1.76			-0.714	0.819			0.339	
-2.53	-0.16		13.465		-14.691	1.531	0.013	-0.045
-1.72		0.482					-0.288	-0.485
-1.814		0.153	-0.247	-1.297				0.46
-1.773			-0.82	-1.393				0.843
-1.744	-0.076	0.334	-0.481	0.85				
-1.691	-1.416	0.507	-0.619	-1.87	-1.512			0.536
-1.746	-0.713	0.594	-2.154	0.404	0.261			1.754
-1.762	-3.835		-3.408	-1.518			-1.72	1.751
-1.762	-2.026		-0.906	0.813	-1.658			0.431

-1.74		0.649	-1.563	1.204			0.153	2.385
-1.764			-3.427		2.235			1.913
-1.759	-1.95		-1.754	-1.843	-0.793			0.515
-1.736			-3.709		3.214		-0.462	1.044
-1.743	-1.512		-2.032	-2.285				0.239
-2.617	4.105		17.713		-14.161	1.601	-0.5	-1.591
-1.747		0.618	-3.027	1.138	1.734		-0.083	2.149
-1.725			-2.872	-2.013	2.097			0.751
-2.475	12.922	0.289	12.44			0.952		-2.222
-1.775			-3.569	0.82	2.303			2.13
-1.776	-2.364	0.449	-3.326	1.968			-1.227	4.116
-1.765					-0.69		0.268	0.195
-2.653	13.601		12.624			1.183		-1.099
-2.161			9.391	0.787	-10.507	1.29		-0.828
-1.975						0.366	-0.568	0.288
-2.09	-27.195	0.627	15.177		-38.627		-10.495	11.111
-1.793	-4.059		-4.271	0.953			-2.125	4.415
-2.05						0.429		0.011
-2.645	13.314		13.663			0.812	-2.184	
-2.529	10.625		11.227			0.69	-1.968	
-1.781	-1.826		-2.032		-0.492			0.804
-2.05	-52.756		10.419		-58.357		-13.166	18.22
-1.765					-0.497			0.303
-1.747			-3.762	0.824	3.277		-0.468	1.054
-1.762	-2.495		-0.002	0.812	-2.833			
-1.842		0.438				0.21	-0.743	0.578
-1.682		0.539	-2.089	-1.233	1.256		-0.07	0.807
-1.747			-4.373	-1.304	3.821		-0.43	1.093
-1.795	-1.748		-2.27	0.8	-0.27			1.067
-1.772	-8.545		0.47	-3.206	-7.391		-2.611	1.103
-1.793			-3.737	-1.904	2.716	0.527		0.239
-1.992		0.322				0.216		0.102
-2.71	14.939		13.727			1.278	-0.058	-1.055
-1.764			-4.611		3.967		-0.453	1.414
-1.902	4.723	-0.294	1.634	-3.247	4.323			-2.307
-1.781			-1.025	-1.46			0.612	0.165
-2.647	12.243		10.916			1.082		
-1.771			-0.511	0.826	-0.373		0.582	
-1.854	0.244		-2.111	-2.095		1.044	1.622	-0.931
-1.781			-0.834				0.58	-0.252
-1.913						0.387	-0.716	0.447
-2.445	10.41	0.411	8.449			1.014	0.899	
-1.778			-4.79	0.811	4.07		-0.466	1.669
-2.271	8.835	0.465	6.041		1.883	0.595		
-1.77	-0.105		-0.929	0.831			0.524	
-1.924	-0.127		-3.403	1.35		1.042	1.177	2.592
-1.74			-3.447	-1.801	2.755			0.517
-2.494	14.263	0.382	12.03			1.397	2.139	-3.138

-1.729	-5.903	0.274	2.211	0.797	-7.197		-1.399	
-1.898		0.275						0.152
-1.755							-0.108	-0.684
-2.309			10.656		-8.95	0.594	-2.563	
-1.786			-0.339	-3.662		0.592		-1.631
-1.755	0.063							-0.767
-1.795			-0.911	0.801			0.591	-0.042
-2.356	-12.827		8.799		-22.648	1.394	-0.67	3.318
-2.017		0.369				0.314		0.098
-2.754	13.535		19.656		-6.773	1.597		-3.567
-2.741	15.476		18.536		-4.078	1.628	0.835	-4.291
-2.562	3.216		18.586		-13.918	1.029	-3.61	
-1.778			3.742	-3.062	-3.943			-0.778
-2.403	9.331	0.459	7.84		-0.302	0.915	0.868	
-2.23	6.539	0.48	5.745			0.573		
-2.433	-13.677	-0.114	10.294		-25.675	1.769		3.059
-2.661			23.457		-21.637	1.224	-4.398	
-1.79	0.281					0.501		-1.237
-1.815	2.704	0.146	-0.684	-2.327	3.882			-1.542
-2.164	11.694	1.292	15.128		-2.323		-3.985	
-1.737			0.001	-3.483				-1.239
-1.798		0.212	-0.549	-2.117	1.047		-0.532	-0.558
-1.835	4.912		-0.51	-3.098	6.207		0.353	-2.775
-2.377	-12.566		9.409		-23.576	1.609		2.876
-1.794	-0.855	0.232	-0.334	-2.113			-0.672	-0.343
-2.636	12.138		10.875			1.139		
-1.714	0.944	0.626					0.465	0.09
-2.588	-23.286	-0.652	12.404		-35.41	1.657	-3.33	6.648
-2.173	13.125	1.315	13.795				-3.557	0.252
-1.798	-0.758	0.306	-1.092	-1.022	0.445		-0.625	0.473
-2.629			23.068		-21.157	1.186	-4.342	-0.214
-2.741	18.724		17.141			1.684	1.946	-5.202
-1.78	0.364						-0.073	0.29
-1.896	-0.569						-1.127	0.554
-1.739			-2.644	0.824	2.327		-0.176	
-1.823	1.776	0.264	-1.425		3.207		-0.129	-0.204
-1.782						0.461	0.066	-1.956
-1.731			-0.812	-2.422			0.263	0.345
-2.561	10.927		11.174			0.714	-1.511	
-1.774					-0.38		0.475	-1.102
-1.744		0.421				0.275	-0.181	-1.236
-2.659	13.001		12.118			1.087	-0.646	
-2.801	13.232		17.048		-5.155	1.51		-1.481
-1.978						0.234		0.046
-2.212		0.396	7.958		-8.065	0.686		-0.792
-1.828	1.448	0.302	-1.653	0.772	2.955		-0.179	0.244
-1.783	-2.431		-1.043		-2.425			1.811
-1.73	-2.518		-0.248	-2.846	-2.774			0.336

-1.771			-1.163				0.262	1.349
-1.74			-0.771	-2.047				0.851
-1.764	-0.282						-0.035	-1.585
-2.788	7.302		22.106		-14.214	1.38	-2.887	-0.657
-1.76	-4.287	0.414	-0.865	-1.041	-3.34		-1.252	1.609
-1.751	-1.006	0.572	-1.714	0.856	-0.7			2.428
-1.798	-2.387		-1.242	0.81	-2.295			2.126
-1.786			-1.261	0.818			0.266	1.627
-2.522	10.568		10.907		0.449	0.574	-2.041	
-1.753		0.603	-3.255	1.997	1.693		-0.247	3.251
-1.754	-1.273		-2.255	-1.201				1.476
-2.36	8.508	0.269	8.645			0.571	-1.177	
-2.449	20.15	0.648	13.564		4.125	1.399	3.216	-5.919
-1.79		0.308	1.863	-1.748	-2.178			0.031
-2.773	5.723		22.443		-15.703	1.283	-3.674	
-2.265	-12.657		11.691		-24.773	1.553		
-2.34	8.837		10.875				-2.748	
-2.751	18.141		17.05			1.489	0.535	-3.574
-2.671	15.746		15.191			1.251		-2.801
-2.664	13.827		11.684			1.489	1.766	-1.908
-2.184			9.553	-1.556	-10.46	1.278		-1.083
-2.336	8.652	0.33	8.002		0.645	0.524	-0.964	
-2.722	14.949		14.247			1.119	-0.744	-0.794
-2.436	5.891		11.2		-4.185	0.654	-2.286	
-2.221			8.946		-10.204	1.305		-0.235
-1.759			-4.337		3.391		-0.521	2.394
-2.687	13.106		13.734		-1.431	1.152	-0.225	-1.138
-1.773			-4.468	0.824	3.425		-0.533	2.704
-2.241			8.686	0.788	-10.117	1.322		0.178
-2.338	7.816		10.426				-3.497	
-2.103	-58.565	-0.258	11.913		-64.75		-14.824	20.044
-1.719			-3.619	-1.797	3.112		-0.457	1.034
-2.199		0.438	6.404		-6.749	0.598		
-2.604	12.446		12.817			0.8	-2.067	
-1.744	-2.118		-1.254	-2.52	-1.271			0.017
-1.748			-3.226	-1.032	2.162			1.547
-2.349	7.358		9.755				-3.452	0.553
-1.767					-0.712		0.27	0.252
-1.734			-0.544	-3.128			0.541	-1.01
-2.657	13.463		13.646			0.849	-2.002	
-2.365	-11.32		11.958		-25.289	1.997	1.429	
-2.702	13.576		11.989			1.197		
-2.461			6.644		-9.848	1.755	3.104	
-2.001		0.307				0.26		0.105
-1.741			-4.247	-1.565	3.746		-0.419	0.929
-2.281	9.914	0.493	5.997		3.012	0.539		
-2.67	13.446		11.014		1.032	1.088		
-2.235	7.564	0.255	9.037				-2.02	

-2.694	16.942		14.798			1.738	2.658	-4.688
-2.275		0.082	9.898		-8.419	0.571	-2.272	
-2.4	-6.489		9.646		-18.271	1.782	1.817	
-1.755	-0.097						-0.188	-0.743
-2.701			23.824		-21.849	1.167	-5.063	0.839
-2.214		0.5	10.645		-8.789		-5.027	4
-2.275	-10.041		10.352		-20.651	1.369		
-2.285			9.233		-7.345	0.384	-2.484	
-2.414			9.623		-12.309	1.943	3.744	-3.097
-2.76	12.506		20.202		-8.13	1.57	-0.461	-3.174
-2.222			10.177		-7.373		-3.141	
-2.487	-13.359	-0.243	10.672		-25.617	1.823		2.949
-2.305			14.694		-10.727		-6.027	1.32
-2.111		0.5	4.264		-4.63	0.469		
-1.816	3.034	0.137	-0.691	-2.385	4.223		0.065	-1.677
-2.215		0.445	7.76		-8.409	0.813	0.634	-1.005
-2.171		0.343	12.788		-9.779		-4.946	1.278
-2.635	12.094		10.789			1.146	0.057	
-2.209		0.377	8.802		-8.746	0.729		-1.336
-1.741			-0.936	-2.027			0.256	0.705
-1.757	-2.575		-0.574	-1.73	-2.818			1.207
-2.566	11.036		11.226		0.041	0.72	-1.505	
-2.402	6.774		5.759			0.893		
-2.31	6.123		10.959		-2.492		-2.96	
-2.181		0.31	6.926		-5.996	0.382	-1.386	
-2.326	7.859		9.926				-2.636	
-2.214			11.2		-8.209		-3.383	
-2.253	6.999	0.19	9.051				-2.776	
-2.359	6.585	0.198	9.349		-2.233	0.587	-1.556	
-2.229	-11.546	0.094	10.792		-22.731	1.415		
-2.251	6.472	0.213	8.296				-2.666	0.448
-2.337	8.921		10.96				-2.755	
-2.356			10.228		-10.401	1.042		-1.203
-2.396	8.585		11.209				-4.253	0.951
-2.364	8.867		11.668				-3.946	
-2.188			9.425	-1.416	-10.378	1.279		-0.958
-2.435	7.82		6.618			1.023		
-1.749			-4.191	-0.599	3.318		-0.515	2.179
-2.459			8.353		-11.526	1.925	3.595	-1.471
-2.303	-8.878	0.19	10.123		-21.126	1.769	1.599	
-2.339	7.95		10.582				-3.532	
-2.338	8.037		10.709				-3.506	-0.171
-2.344	7.413		9.859				-3.551	0.608
-2.338	7.611		10.494		-0.242		-3.52	
-2.038		0.88	14.503		-12.074		-4.415	
-2.228			8.919		-6.027		-3.53	0.449
-2.2		0.455	6.224		-6.751	0.63	0.19	
-2.544	13.977		7.173		5.397	0.93		

-2.215			9.485	-6.429		-3.521	
-2.345	7.041		9.799	-0.329		-3.462	0.538
-2.125		0.448	4.741	-5.239	0.6		
-2.164		0.189	8.817	-6.555		-2.515	
-2.54		-0.177	7.268	-10.477	1.884	3.167	
-2.38			15.112	-11.286		-6.724	2.757
-2.702	13.007		12.263	-0.863	1.228		
-2.236			13.666	-9.866		-4.879	
-2.403	-10.425	-0.309	11.571	-22.152	1.584		
-2.219			9.924	-6.83		-3.812	0.478
-2.186	29.1	1.544	11.533	16.655			-4.292
-2.516	-7.023	-0.267	10.878	-19.99	1.991	1.84	
-2.228	5.957	0.233	9.269	-1.594		-2.221	
-2.231			11.889	-8.904		-3.5	
-2.312			9.979	-8.632	0.581	-1.784	-0.433
-2.228	7.295	0.284	8.7			-1.923	
-2.508	9.834		5.571		1.935	5.823	-3.53
-2.238	7.303	0.239	8.822			-2.026	
-2.428			13.551	-14.21	1.366		-1.368
-2.498	9.443		7.903		1.116		
-2.451	2.287		9.072	-10.006	2.022	4.42	-3.332
-2.35	3.033		14.18	-7.527		-5.644	1.243
-2.264	7.54	0.273	9.448			-3.342	0.876
-2.296			9.321	-7.646	0.441	-2.265	
-2.211		0.429	8.787	-9.325	0.889	0.744	-1.725
-2.428		-0.038	9.788	-12.442	1.965	3.752	-3.158
-2.207			10.533	-7.357		-3.668	
-2.289			14.159	-10.286		-5.762	1.213
-2.275	4.111		11.389	-4.657		-3.182	
-2.119	18.449	1.389	5.721	10.991			
-2.335			11.809	-11.587	1.088		-2.36
-2.306	7.335		9.439			-2.576	
-2.18	0.558	0.338	12.687	-9.175		-4.876	1.257
-2.261	7.995	0.222	10.154			-3.144	
-2.349			7.688	-8.272	0.962		
-2.144		0.265	12.343	-9.283		-4.064	
-2.309	6.306		10.593	-2.001		-2.871	
-2.33	5.81		13.119	-4.031		-4.488	
-2.196		0.061	10.668	-7.866		-3.163	
-2.214			11.295	-8.295		-3.403	
-2.251	6.928	0.204	8.932			-2.713	
-2.256	6.943	0.191	8.971			-2.78	0.081
-2.167		0.185	7.733	-5.395		-2.86	0.396
-2.253	6.903	0.19	9.073	-0.112		-2.777	
-2.504	11.479		7.134	2.979	1.009		
-2.256	6.544	0.2	8.415			-2.738	0.466
-2.25	6.44	0.213	8.32	-0.052		-2.668	0.444
-2.161		0.243	10.96	-8.562		-2.888	

-2.161		0.171	8.353	-5.848		-2.875	
-2.381	8.682		11.399			-4.152	0.549
-2.384	9.341		12.236			-4.177	
-2.395	8.577		11.205			-4.253	0.949
-2.566		-0.244	9.4	-12.558	2.116	3.727	-1.647
-2.466	8.663		7.293		1.091		
-2.299	4.77		10.083	-2.619		-3.647	0.529
-2.259			8.752	-6.153		-3.856	1.899
-2.222		0.642	4.642	-8.806	1.604	3.67	
-2.366			13.51	-10.091		-6.216	3.16
-2.313	6.316		10.701	-1.631		-3.571	
-2.059	4.584	0.548	4.465				
-2.34	7.781		10.368			-3.54	0.16
-2.335	7.791		10.768	-0.278		-3.513	-0.192
-2.224			9.075	-6.129		-3.538	0.32
-2.55	13.957		7.334	5.178	0.951		
-2.192					0.673		
-2.401			14.46	-14.729	1.361		-2.298
-2.419			10.721	-11.864	1.282		
-2.303			11.131	-9.747	0.688	-1.501	-1.382
-2.2		0.665	6.653	-10.656	1.79	4.262	-2.16
-2.266			4.794	-5.542	0.99		
-2.521	11.406		6.919		2.137	6.726	-5.301
-2.226			13.069	-9.403		-4.612	
-2.379	-0.39		15.179	-11.711		-6.812	2.861
-2.206		0.037	9.598	-6.633		-3.653	0.465
-2.112	15.244	1.272	4.268	9.187			1.029
-2.254			3.748	-4.327	0.838		
-2.159	11.633	0.629	4.557	6.658			
-2.221	5.432	0.245	9.773	-2.547		-2.336	
-2.228	5.667	0.219	9.412	-1.954		-2.292	
-2.58	10.438	-0.164	6.154		2.06	6.044	-3.854
-2.212	4.264	0.247	11.852	-4.896		-3.767	
-2.222	7.414	0.316	8.736			-1.864	
-2.258	7.015	0.323	8.595			-3.294	1.589
-2.503	2.7	-0.116	9.538	-10.088	2.119	4.595	-3.579
-2.337	2.748		13.938	-7.588		-5.542	1.195
-2.121		0.733	4.166	-7.013	1.159	3.085	-1.361
-2.209					0.635		
-2.275	4.52		10.609	-3.582		-2.998	
-2.192		0.05	10.114	-7.102		-3.475	
-2.433	5.847		2.643		1.369	3.438	
-2.102	8.838	0.543	4.852	3.689			
-2.066	4.264	0.588	4.158				
-2.244			3.887	-3.54	0.638		
-2.097		0.746	2.536	-5.094	0.871	2.387	
-2.185		0.116	11.021	-8.311		-3.136	
-2.25	24.206	0.681	9.474	15.331			-4.652

-2.339	6.106		13.304	-3.898		-4.565	
-2.148		0.241			0.548		
-2.112	3.983	0.817			1.106	3.646	
-2.169		0.194	7.515	-5.269		-2.813	0.544
-2.251	7.41	0.221	8.74	0.575		-2.624	
-2.249	6.988	0.206	9.011			-2.702	-0.082
-2.503	11.569		7.042	3.182	0.995		
-2.254	6.81	0.191	8.991	-0.137		-2.784	0.068
-2.187	-3.672	0.497	8.139	-14.482	1.639	2.912	-1.954
-2.191					0.583		
-2.254	5.782	0.174	8.713	-0.896		-2.884	0.458
-2.208	-6.05		8.202	-13.766	1.041		-1.315
-2.391	9.074		11.892			-4.264	0.385
-2.227		0.646	5.548	-9.798	1.727	4.009	-0.778
-2.067		0.581		-1.726	0.75	1.442	
-2.147			2.238			-3.174	1.348
-2.17			0.182		0.503		
-2.079	5.231	0.535	5.113				
-2.285	2.703		9.415	-4.102		-3.744	1.252
-2.078	5.415	0.531	5.349				-0.164
-2.253		0.01	8.664	-6.097		-3.804	1.87
-2.236	10.818			11.072			
-2.159	12.968	0.669	3.732	8.696			
-2.06	4.373	0.536	4.285				
-2.178					0.584	0.102	
-2.175				0.139	0.543		
-2.218			4.323	-3.618	0.624		-0.931
-2.177	-0.109				0.57		
-2.174	-0.24				0.425		
-2.283			5.267	-6.195	1.021		
-2.186					0.643		0.048
-2.178		0.061			0.644		
-2.157	12.218	0.66	3.68	7.974			0.208
-2.138	2.344	0.796			0.372		4.558
-2.146	9.873	0.427	3.533	6.194			
-2.103		0.848		-2.41	0.407		4.704
-2.191					0.663		
-2.176				0.253	0.413		
-2.193					0.675		
-2.181	-10.507		9.65	-20.057	1.35		-1.265
-2.454		-0.561	5.467	-4.89	0.925		
-2.276			5.268	-6.127	1.048		
-2.586	11.947	-0.148	7.431		2.249	6.924	-5.563
-2.112				0.586			
-2.186					0.509	0.157	
-2.149	11.509	0.68	4.897	6.137			
-2.186			0.193		0.465		
-2.099	3.571	0.748			1.133	3.422	-0.691

-2.084		0.459				-1.189	2.901
-2.015	1.882	0.765			0.628	1.65	
-2.216	5.59	0.268	9.613	-2.318		-2.25	
-2.061	5.686	0.731	5.338				
-2.123			1.653			-1.055	
-2.064		0.287	0.486				
-2.083	2.004	0.595			0.771	1.623	
-2.118		0.256			0.386	0.182	
-2.216					0.665		
-2.101	-8.31	0.283	8.037	-16.298	1.033		-0.923
-2.193					0.42		0.861
-2.129	0.996	0.772	3.969	-6.27	1.254	3.536	-1.48
-2.116		0.256	0.227		0.333		
-1.99	5.762	1.101	4.879				
-2.12		0.734	4.102	-6.941	1.149	3.06	-1.306
-2.12		0.735	4.155	-7.005	1.158	3.084	-1.357
-2.213					0.666		-0.048
-2.094		0.364			0.379		0.183
-2.216	-4.387	0.392		-6.552	0.652		5.329
-2.103	-0.559						
-2.115	1.174	0.564			0.282		2.659
-2.278	13.013		1.95	11.059			
-2.402	5.764	0.086	2.495		1.336	3.463	
-2.212		0.472		-2.004	0.491		4.647
-2.186	6.1	0.704	2.263		1.233	4.449	-1.807
-2.102	8.822	0.542	4.866	3.66			
-2.1	8.76	0.544	4.795	3.667			0.008
-1.995	5.076	1.091	3.995				0.725
-2.117			0.564				
-2.267				-0.824	0.582		2.768
-2.129		0.216		0.195	0.38		
-2.221	1.596		2.03		0.471		
-2.132	-0.17	0.208			0.407		
-2.257			3.177	-3.153	0.635		0.802
-2.079	4.856	0.574	4.793				-0.123
-2.02		0.512	3.532	-3.423			
-2.158		0.163			0.544		
-2.076	4.625	0.579	4.521				
-2.088		0.227	1.664			-2.437	1.192
-2.128				1.194		-0.595	
-2.108		0.335			0.461		
-2.183			1.835			-3.143	2.372
-2.202	1.892	0.511			0.411		4.26
-2.036		0.673	0.609	-2.196	0.661	1.338	
-2.098		0.775	2.569	-5.375	0.945	2.571	
-2.128	3.472	0.713			1.01	3.234	
-2.252	0.583				0.529		2.273
-2.097	-0.058	0.743	2.556	-5.149	0.867	2.366	

-2.099		0.787		-1.21		-1.836	6.196
-2.251	8.831			8.924	0.232		
-2.162			0.834		0.361	-0.531	
-2.105	4.397	0.873	0.304		1.1	3.779	
-2.078		0.194		0.513			
-2.123	3.682	0.744			1.077	3.307	
-2.119	5.948	0.919	1.146		1.409	4.887	-1.42
-2.182	9.201	0.168		9.475			
-2.178			0.133		0.468		
-2.262	-8.895		10.728	-21.152	1.866	1.783	-2.09
-2.055	-4.237	0.489	2.704	-7.08	0.545		
-2.145			1.618			-1.155	
-2.129	-13.948		3.951	-15.701		-4.239	5.693
-2.126			3.121		-0.286	-4.079	1.581
-2.252	17.813	0.499	9.356	9.622		-1.052	-2.946
-2.153			2.137			-2.679	0.978
-2.347		-0.401	5.913	-4.792	0.812		-1.52
-2.099			0.582				
-2.175			0.671	-0.55	0.564		
-2.105	3.898	0.842			1.033	3.488	0.314
-2.1		0.536		-2.067	0.872	1.76	
-2.182					0.53		0.071
-2.184					0.533	0.068	
-2.103		0.541		-1.042	0.316		2.383
-2.119	4.095	0.804			1.155	3.729	
-2.182				0.095	0.506		
-2.175	0.331		0.485		0.535		
-2.205	1.646		2.32		0.464		-0.631
-2.185					0.559		
-2.113	3.853	0.808		-0.091	1.103	3.604	
-2.184	-0.066				0.533		
-2.326	-6.254			-8.797	1.052		5.794
-2.174			0.257		0.467		
-2.064	1.165	0.559			0.535	1.101	
-2.122	14.81	0.948		11.964	0.348	2.294	
-2.108	6.766	0.641		4.314	0.755	1.913	
-2.237	-5.829	-0.084	8.407	-13.654	1.07		-1.429
-2.052	0.533	0.641		-1.295	0.726	1.547	
-2.051	-4.787	0.435	3.401	-8.453	0.684		
-2.096	5.099	0.472	5.19				-0.27
-2.222	10.105			10.415			
-2.147		0.095	0.197		0.445		
-2.134	2.555	0.702			0.567	1.553	2.131
-2.109	1.171	0.748				-1.665	5.787
-2.09	4.825	0.494	4.801				
-2.078		0.523		-1.436	0.69	1.232	
-2.182			0.422		0.407		-0.23
-2.154		0.627		-3.158	0.863	1.853	2.844

-2.171			0.263		0.478		-0.079
-2.078		0.545		-1.695	0.766	1.395	
-2.142			2.258			-3.211	1.374
-2.07		0.565		-1.755	0.778	1.452	
-2.076		0.564		-1.808	0.789	1.532	-0.05
-2.074	0.552	0.443			0.47		0.563
-2.118		0.376				-1.655	3.964
-2.083		0.713		-2.256	0.549	1.549	1.698
-2.102				0.583			
-2.191					0.498	0.249	
-2.188			0.334		0.407		
-2.186					0.524	0.293	-0.197
-2.177	1.006			1.215	0.485		
-2.17			0.184		0.504		
-2.078	5.127	0.537	4.987				0.069
-2.078		0.516				-1.849	3.8
-2.293	12.607		4.043	8.87			-0.496
-2.151		0.104			0.515	0.125	
-2.233	10.447			10.782		-0.067	
-2.237	11.032			11.259			
-2.183				0.288	0.424		
-2.131		0.184			0.501		0.136
-2.179				0.322	0.429		-0.121
-2.237	10.873			11.115			0.011
-2.181	-0.252				0.449		
-2.182					0.571	0.145	
-2.217					0.392	-0.418	1.968
-2.135			1.77			-1.24	
-1.994		0.455					0.464
-2.178	-0.274				0.456		-0.095
-2.125			0.771				-0.258
-2.247	9.189	0.631	4.838		1.68	6.195	-5.007
-2.161		0.062		0.138	0.515		
-2.07		0.437		-0.509	0.469		0.541
-2.088			2.399			-2.71	
-1.979		0.559					0.452
-2.178				0.154	0.541		
-2.132			0.674				
-2.284	15.852		6.847	10.216			-3.082
-2.173				0.16	0.535		
-2.18	0.086				0.61	0.165	
-2.178					0.583	0.122	-0.026
-2.176				0.057	0.565	0.062	
-2.178					0.585	0.107	
-2.175				0.133	0.544		0.007
-2.108		0.329	0.817			-1.992	2.503
-2.165	-0.106	0.057			0.546		
-2.281	-24.504	-0.656	7.049	-27.244		-7.578	8.929

-2.175	-0.14				0.557		
-2.171	-0.425				0.399	-0.166	
-2.168	10.092	0.381	4.138	5.943			-0.19
-2.18	-0.115				0.573		
-2.176	-0.097				0.568		0.022
-2.174	-0.686			-0.5	0.476		
-2.156	4.563	0.59		3.086	0.242		3.125
-2.174	-0.347		-0.133		0.45		
-2.174			-0.258	0.499	0.426		
-2.182					0.611		0.067
-2.205			1.414			-3.259	3.752
-2.04	1.661	0.698	-0.396		0.717	1.776	
-2.171				0.529	0.346	-0.217	
-2.088	10.333	0.66		9.611			0.763
-2.108		0.842		-2.19	0.326	-0.463	5.203
-2.159	9.847	0.404	3.795	5.949			
-2.123	0.751			1.356			
-2.159		0.112			0.603		
-2.133		0.766		-2.399	0.444		4.84
-2.122	1.235	0.824		-1.157	0.391		4.657
-2.234			-0.615		0.507		2.249
-2.075	-0.495	0.167					
-2.178		0.057			0.642		
-2.043	0.834	0.61					2.394
-2.131			2.176			-2.095	
-2.122	2.368	0.847			0.353		4.51
-2.138	2.462	0.799			0.412	0.227	4.331
-2.19					0.661		
-2.048		0.443					1.014
-2.116				0.612			
-2.458		-0.547	5.125	-4.705	0.924		0.366
-2.079	1.571	0.29		2.084			
-1.966		0.598					0.46
-2.158	-10.938			-9.895		-3.663	7.116
-2.114	2.975	0.64			1.013	2.91	-0.603
-2.113				0.628			-0.062
-2.322	-3.083			-4.87	0.797		4.704
-2.064		0.389			0.329	-0.56	0.744
-2.075		0.274	0.793			-0.301	
-2.12	2.213			2.845			
-2.325	-9.644			-10.966	0.607	-1.927	8.182
-2.334				-2.106	0.896	0.944	3.262
-2.111			0.52				
-2.205					0.43		1.145
-2.096		0.424			0.105	-1.159	2.614
-2.133			1.619			-0.971	
-2.099		0.297			0.344		0.212
-2.212					0.518		0.505

-2.137			1.07			-0.5	
-2.107	-0.937					-0.383	
-2.346	2.371				0.973	1.672	2.204
-2.111				0.574			
-2.132	4.023	0.739	0.749		0.911	3.201	
-2.139	3.989		3.966				
-2.068		0.227	0.508				
-2.112			-0.036	0.622			
-2.1	3.058	0.681			1.024	2.819	-0.459
-2.054	0.273	0.352	0.733				
-2.187			-0.05		0.524	0.194	
-2.128			1.662			-0.989	-0.1
-2.299	2.464				1.209	2.35	
-2.163					0.543	-0.698	0.708
-2.101	4.376	0.79		0.476	1.19	3.786	-0.82
-2.237						-2.388	5.636
-2.292	12.524		2.969	9.633			
-2.052		0.349	0.803	-0.347			
-2.368	7.119			4.198	1.137	3.175	
-2.081	0.189	0.492				-0.996	2.953
-2.096	3.518	0.758			1.103	3.386	-0.683
-2.118				1.169		-0.576	
-2.185	0.643				0.719		0.443
-2.36	2.129	-0.401	2.762		0.625		
-2.017	1.904	0.756			0.646	1.659	
-2.124	-0.168		1.515			-1.083	
-2.083		0.462		-0.015		-1.17	2.902
-2.101		0.343	0.666	-0.478	0.33		
-2.151							1.724
-2.125			1.458	0.196		-1.051	
-2.049		0.341	0.4				0.089
-2.138	7.376	0.77		3.425	1.053	3.446	
-2.096	-0.552						
-2.104		0.341			0.3		0.526
-2.107		0.273			0.423		
-2.046		0.304				0.437	
-2.119		0.022	1.602			-1.012	
-2.057		0.308	0.464				
-2.065		0.278	0.484				
-2.153	2.701	0.733	3.479	-4.173	1.232	3.799	-1.615
-2.363	3.391				1.388	3.757	
-2.127		0.208	0.2		0.356		
-2.208	5.257		5.915				-0.823
-1.983		0.506				-0.309	0.748
-2.103		0.305			0.357	0.134	0.077
-2.11	-0.321		0.253				
-2.107	0.216	0.31	0.433		0.318		
-2.03		0.375			0.259		

-2.082	1.983	0.603			0.755	1.615	
-2.178				-0.596	0.718		0.42
-2.084	1.945	0.585			0.759	1.582	
-2.3				-1.289	0.659		3.505
-2.124		0.235			0.4	0.165	
-2.109		0.281			0.376	0.166	
-2.231	6.826			6.953	0.323		
-2.117		0.257	0.025		0.378	0.164	
-2.176	6.013	0.71		3.13	0.58	1.598	2.449
-2.19	2.639	0.604			0.6	1.056	3.414
-2.177	-5.213	0.504		-7.533	0.654		5.454
-2.389	11.782			8.375	1.28	4.597	-2.131
-2.113					0.451		
-2.104		0.3	0.161		0.328		0.072
-2.105				1.576		-2.399	1.393
-2.117		0.244	1.128	-1.028	0.469		
-2.202		0.52		-2.435	0.612	0.618	4.17
-2.192	8.889	0.65		4.872	1.132	4.63	-1.574
-2.033		0.599		-0.732			2.228
-2.193		0.001			0.419		0.86
-2.039		0.358		0.307			0.207
-2.111		0.274	0.208		0.332		
-2.155	-6.008		2.965	-9.36	1.004		
-2.13	1.048	0.774	4.05	-6.335	1.274	3.596	-1.566
-2.162			2.759		-0.298	-4.091	2.62
-2.056	-4.017	0.875		-5.181		-2.357	7.132
-2.075	5.332	0.615		4.253			2.501
-2.095	5.057	0.474		4.315	0.382		0.68
-2.099	-0.08	0.321			0.349		0.142
-2.24	1.285		1.274		0.492		1.056
-2.1		0.321		0.09	0.345		0.134
-1.99	5.846	1.099	4.992				-0.094
-2.141			2.115			-2.368	0.741
-2.084	11.568	0.646		11.064			
-2.003		0.46					0.46
-2.267	12.464		1.852	10.652			
-2.116			0.657				
-2.104	-0.579						
-2.217	-2.679	0.42		-4.793	0.592		5.09
-2.119		0.737	4.088	-6.946	1.152	3.069	-1.294
-2.056		0.429	-0.444		0.406		0.58
-2.209	10.713		4.668	5.716			
-2.104					0.376		
-2.042	-2.054	0.594	1.619	-4.623	0.599	0.756	
-2.292	1.099				0.605		3.049
-2.103	-0.552						0.011
-2.079	5.917	0.562	6.184				-1.153
-2.103	-0.561						

-2.215	1.598				0.985	1.069	
-2.169			0.964		0.262	-0.694	
-2.026		0.533	3.359	-3.248			
-2.143	9.127	0.302		9.095			0.278
-2.216	-4.359	0.393		-6.531	0.653	0.012	5.313
-2.109		0.277		0.155	0.363		
-2.03	6.805	0.544		6.286			0.73
-2.108	-0.134	0.279			0.377		
-2.027	-0.248	0.386					0.261
-2.16	3.822			4.598			
-2.062		0.935		-1.428		-1.687	6.013
-2.139		0.182		0.15	0.418		
-2.199	7.69	0.15		7.83	0.191		
-2.124	0.464	0.243		0.697	0.335		
-2.03		0.471	2.966	-2.78			
-2.171	3.494	0.57			1.129	3.231	
-2.157	1.419		2.247				
-2.138	4.754	0.72		1.29	0.937	3.366	
-2.138	0.653			1.864		-0.595	
-2.135			0.346	0.968		-0.709	
-2.149	8.353	0.496		6.655	0.54	1.383	
-2.11			0.708				-0.164
-2.317	-11.765			-14.522	1.196		6.807
-2.1	8.458	0.549	4.504	3.593			0.215
-2.079	-5.031	0.468	3.634	-8.771	0.597		
-2.248		0.053		-0.823	0.557		2.731
-2.14	14.088	0.968		10.545	0.559	3.02	
-2.128	0.551	0.198	0.713		0.435		
-2.141	-0.122	0.179			0.445		
-2.131	-0.698		0.718			-0.824	
-2.064	1.525	0.96				-1.427	5.562
-2.047		0.298		0.42			
-2.131				1.293		-0.752	0.092
-2.105		0.099		0.951		-0.394	
-2.155	9.492	0.25		9.617			
-2.128				1.326		-0.755	
-2.316				-2.121	0.88		4.176
-2.318	2.289	-0.364	3.366		0.585		-1.128
-2.154	2.479			3.339			-0.311
-2.032		0.381			0.165		0.347
-2.102		0.189	1.701			-2.282	1.012
-2.154	3.999			4.885			-0.311
-2.087		0.185	2.222		-0.148	-3.036	1.339
-2.015		0.519	3.232	-3.157			0.064
-2.136	2.152			3.365		-0.571	
-2.023		0.509	3.655	-3.539			
-2.038		0.653	0.74	-2.368	0.714	1.336	
-2.278	9.891			9.452	0.357	0.371	

-2.12	3.323	0.742			0.893	2.987	0.476
-2.179			1.863			-2.874	1.956
-2.161	10.082	0.269		9.94		0.362	
-2.135	15.457	1.007		11.869	0.537	3.178	-0.377
-2.105	15.504	1.105		12.086	0.418	2.703	
-2.096						0.484	
-2.073	-20.269	0.466		-20.102		-5.138	11.644
-2.146	1.557		2.656				-0.693
-2.167			0.855		0.339	-0.494	
-2.161			1.049		0.295	-0.728	
-2.142			1.276			-0.489	-0.273
-2.127				1.186		-0.591	
-2.072		0.238		0.533			
-2.088		0.227	1.664			-2.437	1.192
-2.089	-1.669					-2.4	1.354
-2.179			0.421		0.44		
-2.164	0.454				0.721		
-2.097	0.982	0.408			0.606	0.914	
-2.173				1.083		-2.542	3.05
-2.21					0.368	-1.329	2.488
-2.073	0.352	0.376			0.53		
-2.167			1.036	-0.365	0.429	-0.432	
-2.046		0.623	0.612	-1.944	0.608	1.154	
-2.082	-1.228	0.768	3.03	-6.745	0.898	2.239	
-2.235					0.262	-2.069	4.362
-2.197				-1.368	0.964	0.917	
-2.066	-4.806	0.47	3.466	-8.33	0.588		-0.176
-2.257	9.28			9.272	0.259		
-2.257	9.004			8.941	0.272		0.11
-2.162	-5.556		1.867	-7.67	0.848		
-1.979	0.174	0.523					0.6
-2.101	2.252	0.782		-1.024	0.859	2.722	0.907
-2.186	6.84		6.933				-0.513
-2.135			2.816		-0.211	-3.491	1.258
-2.164			0.878		0.345	-0.51	-0.069
-2.099		0.623		-2.612	0.959	2.341	
-2.193	2.233			2.607	0.399		
-2.114	5.183	0.898	0.701		1.255	4.345	-0.643
-2.081		0.157		0.525			
-2.115	-1.447					-1.085	0.308
-2.114	4.624	0.865	0.341		1.17	3.933	
-2.166	0.169		0.878		0.401	-0.441	
-2.13	3.503	0.71			1.03	3.223	
-2.223	-23.266			-22.472		-6.49	13.948
-2.16				-0.425	0.718		
-2.154	1.96			2.685			
-2.191					0.546	0.443	
-2.183						-1.458	3.527

-2.144	3.093		-1.345	5.093			
-2.078		0.523	-0.979		0.291		2.289
-1.996		0.548			0.246		
-2.113	-9.777		5.663	-14.281	0.793	-1.426	
-2.251	0.583	0.004			0.527		2.27
-2.1		0.644		-1.734	0.399	0.825	2.223
-2.179	8.963	0.148		9.263			
-2.032		0.344		0.87		-1.472	1.116
-2.104					0.317		0.237
-2.475			5.44	-12.047	2.672	5.722	
-2.07		0.374		-0.325	0.525		
-2.157		0.022	0.793		0.357	-0.495	
-2.148			1.139			-0.459	
-2.164	-1.137					-2.57	3.118
-2.173	-1.39		1.224	-2.602	0.661		
-2.126	3.772	0.739			1.111	3.379	
-2.188					0.474		0.328
-2.113	4.058	0.83			1.089	3.565	0.45
-2.179			0.176		0.453		
-2.132		0.057	1.482			-1.02	
-2.003		0.496					0.437
-1.98		0.516		-0.15			0.584
-2.117	5.883	0.924	1.13		1.386	4.847	-1.408
-2.006		0.464				0.194	0.278
-2.178			0.189		0.455		-0.048
-2.028		0.601	-0.822				2.478
-2.045	-4.851	0.516	3.009	-8.05	0.574		
-2.211		0.451		-2.805	0.833	1.515	3.136
-2.359	22.704		9.054	15.186			-5.037
-2.124			3.087		-0.271	-4.055	1.585
-2.134		0.274	0.684			-2.267	3.484
-2.099	0.105		0.685				
-2.181						-0.497	2.992
-2.1	16.211	0.976		14.036		1.869	
-2.322				-2.987	1.388	3.41	
-2.205	10.015	0.631		6.524	0.861	3.284	
-2.202		-0.291	2.529			-1.956	
-2.1			0.49	0.094			
-2.105		0.513		-2.129	0.915	1.794	
-2.134	2.169		2.419				
-2.196	0.344				0.634	0.29	
-2.045	-2.204	0.467		-2.573	0.483		0.466
-2.099			0.578				
-2.099				0.642			
-2.119	7.403	0.709		4.102	0.963	2.891	-0.384
-2.196	4.892		5.737				-0.899
-2.195			1.394			-2.548	2.944
-2.069		0.796		-2.689	0.639	1.815	1.847

-2.033	-0.373	0.32					
-2.104		0.505		-1.881	0.83	1.622	
-2.187	0.093				0.567		0.118
-2.156			-0.51		0.631		0.466
-2.183					0.537	-0.067	0.128
-2.115				1.466		-1.059	0.285
-2.182				-0.002	0.531		0.072
-2.139					0.589	-0.377	
-2.088	2.313	0.209		2.867			
-2.171			0.443		0.453		-0.217
-2.269	11.282		4.093	7.652			-0.577
-2.107		0.374		-1.068	0.684	0.929	
-2.064	0.735	0.575		-0.689	0.624	1.267	
-2.184					0.532	0.076	
-2.184				0	0.533	0.068	
-2.182				0.081	0.511		
-2.185	2.087			2.489	0.408		-0.156
-2.12	3.835	0.784		-0.173	1.15	3.638	
-2.079		0.301					1.257
-1.96		0.485					
-2.128		0.344			0.099	-1.608	3.649
-2.183	-0.023				0.546		
-1.981		0.503	-0.128				0.58
-2.191			1.082	-0.557	0.412		-0.389
-2.172		0.008	0.255		0.464		
-2.22	0.907				0.784	1.19	-0.497
-2.302	-14.542			-15.935	0.705	-1.941	8.846
-2.101	-1.454					-0.987	
-2.211	8.935			9.466		-0.176	
-1.997		0.547			0.147		0.358
-2.182	5.897		5.832				
-2.198	4.115		4.45				
-2.191	6.812		8.166				-2.718
-2.128			2.044			-1.745	
-2.07	-2.608	0.544		-3.409	0.384		1.95
-2.152	1.231	0.109		1.453	0.422		
-2.065	1.173	0.561	-0.052		0.552	1.147	
-2.049		0.18	1.916			-2.154	
-2.239	1.117				0.702		1.708
-2.222	0.706				0.669	0.895	
-2.056	0.524	0.625		-1.331	0.754	1.555	
-2.101		0.439				-1.854	4.076
-2.203	-0.731					-2.853	4.791
-2.143		0.108	0.208		0.441		
-2.052	-5.395	0.404	3.749	-9.204	0.679	-0.199	
-2.188	0.234		0.736		0.394		-0.326
-2.216	9.501			9.871			
-2.215	9.642			10.026			-0.056

-2.236	3.051	0.405			0.945	2.391	1.711
-2.304	1.9				0.81		3.482
-2.098	5.304	0.453	5.504				-0.531
-2.11	3.963	0.523		3.415		-0.824	3.05
-2.052	-4.69	0.43	3.355	-8.302	0.68		
-2.149		0.085	0.209		0.447		-0.013
-2.21	13.041	0.234	5.907	7.805			-1.915
-2.085		0.503		-1.451	0.71	1.225	
-2.101	8.333	0.669		7.312			1.899
-2.066	-0.539	0.239					
-2.085		0.511		-1.519	0.726	1.32	-0.044
-2.177			0.479		0.409		-0.396
-2.23					0.338	-0.951	2.849
-2.182			0.317		0.432	0.081	-0.226
-2.06	8.915	1.104		6.852			3.176
-2.229	12.342	0.569		8.672	0.974	4.035	-1.264
-2.141	0.485		1.399				-0.453
-2.079		0.537		-1.723	0.786	1.41	
-2.16			1.14			-0.989	1.327
-2.076		0.532		-1.527	0.721	1.196	0.081
-2.078		0.552		-1.826	0.81	1.532	-0.045
-2.116	0.167	0.406				-1.484	4.009
-2.203				-0.364	0.606	0.542	
-2.117		0.398		-0.135		-1.532	4.053
-2.081	0.474	0.418			0.459		0.507
-2.22	1.059				0.889	1.164	-0.369
-2.603	31.964		5.467	19.848	2.577	12.871	-13.985
-2.104				0.591			
-2.019	-0.812	0.36				-1.336	1.055
-2.142			2.537	-1.752			
-2.189			0.168		0.447	0.131	
-2.073	0.545	0.448			0.461		0.56
-2.101				0.576			0.009
-2.192			0.517	-0.17	0.409		
-2.193				-0.211	0.592	0.471	-0.24
-2.125				1.561		-1.778	0.829
-2.224	9.968			10.506		-0.371	
-2.189					0.508	0.268	-0.08
-2.189	0.038		0.379		0.405		
-2.203				-0.589	0.749	0.618	
-2.223	9.285			9.835		-0.515	0.274
-2.176	1.047			1.319	0.466	-0.047	
-2.227	11.335			11.773			-0.495
-2.072		0.544			-0.056	-2.005	4.164
-2.21				0.624		-2.741	4.732
-2.178				0.315	0.492		
-2.142		0.133			0.5	0.152	
-2.057		0.347			0.414	-0.255	

-2.135		0.157			0.484	0.077	0.076
-2.227				-1.046	0.714		1.653
-2.16	-0.947					-1.302	2.363
-2.128		0.183			0.472		0.153
-2.098			2.412			-2.733	
-2.09	13.294	0.816		11.838		0.851	0.484
-2.18					0.586	0.413	-0.287
-2.181	0.476			0.87	0.391		-0.164
-2.066							0.437
-2.227						-1.762	4.868
-2.135		0.156		0.058	0.479		0.105
-2.158		0.081			0.525	0.135	
-2.147				-0.304	0.706		
-2.054	0.456	0.303	0.933				
-2.306	13.915	0.565	4.834	4.108	1.869	7.608	-6.69
-2.184	0.167			0.476	0.41		
-2.182				0.297	0.425		-0.03
-2.133	-0.034	0.167			0.488		0.119
-2.195	3.856		4.401				
-1.942		0.619					
-2.05		0.403					0.907
-2.255	6.578	0.402		3.078	1.094	3.553	
-2.241		-0.068			0.422	-0.436	2.064
-2.183	-0.238				0.444		0.062
-2.13			1.171	-0.335			-0.353
-2.177	-0.282				0.52		
-2.136	3.652		-0.899	5.215			
-1.995		0.453					0.477
-2.147	0.301				0.691		
-2.22			-0.08		0.405	-0.382	2.054
-2.102	8.773	0.6		8.009	0.154		0.736
-2.11				1.458		-0.931	
-2.139			-0.317		0.627		
-2.154		0.08		0.174	0.493		
-2.142	0.228		0.933				
-2.08		0.4		-0.39	0.449		0.458
-2.123			0.745				-0.234
-2.123			0.794				-0.323
-2.087	15.21	0.881		13.536		1.218	
-2.042		0.526	-1.057		0.532	0.706	0.398
-1.979		0.543					0.458
-2.137	-3.488			-3.71	0.788		
-2.054		0.371	-0.229		0.444		
-2.314	-7.697			-9.738	0.931		5.62
-2.092	-0.651						
-2.127			0.64				
-2.161		0.063		0.137	0.515		
-2.188			2.025		-0.179	-3.821	3.738

-2.089			2.356		0.013	-2.671	
-2.07		0.438		-0.507	0.466		0.54
-2.117				1.314		-0.639	
-2.162							1.529
-2.156	-0.154	0.077			0.516		
-2.208		-0.303	2.231			-1.385	
-2.173				0.225	0.521		-0.048
-2.133			0.719	-0.041			
-2.108		0.296	1.223		-0.096	-2.416	2.558
-2.161				0.88		-1.046	1.991
-2.128			2.814	-1.804			-0.608
-2.182	0.123				0.621	0.186	
-2.174				0.123	0.545	0.027	
-2.179				-0.023	0.589	0.141	-0.029
-2.007		0.624	-0.378		0.351		0.549
-2.114	-1.141					-0.525	
-2.071		0.715	-1.099			-1.375	5.382
-2.158	-0.1	0.078			0.535		
-2.097	-1.582					-1.353	0.495
-2.217	4.695			3.869	0.644		0.557
-2.051		0.305	1.025	-0.556			
-2.262	10.494		3.116	7.633			
-2.172	-0.542			-0.171	0.421	-0.134	
-2.17	-0.427		0.025		0.391	-0.186	
-2.174	-0.159				0.553		-0.014
-2.09		0.317	-1.198		0.689	1.056	
-2.033	1.027	0.662					2.69
-2.229			-0.463		0.489		2.06
-2.013		0.408				0.335	
-2.142			2.424	-0.871		-0.843	
-1.955		0.635	-0.09				0.538
-2.174	-0.767		0.038	-0.625	0.481		
-2.329	-15.601			-16.471	0.457	-3.667	11.171
-2.064	10.444	0.776		9.499			0.929
-2.172			-0.174	0.566	0.386	-0.115	
-2.202		0.108	-0.656		0.462		2.273
-2.085		0.342			0.35	-0.315	0.501
-2.11		0.084	1.963			-1.877	
-2.04	1.663	0.698	-0.395		0.717	1.777	
-2.152		0.123			0.575		
-2.152	7.179	0.334		6.828	0.261		0.398
-2.146	0.598		2.058			-0.739	
-2.125		0.793		-2.247	0.372	-0.329	5.142
-2.076	-0.499	0.155					
-2.08	-0.577	0.144				-0.074	
-2.113	0.361	0.837		-1.874	0.34	-0.357	5.075
-1.958		0.629		-0.06			0.506
-2.13	0.612	0.788		-1.782	0.42		4.76

-2.102	-0.881					-0.332	
-2.275	10.545	0.395		6.633	1.229	4.768	-1.855
-2.042	0.814	0.613					2.338
-2.135			2.086		0.031	-2.014	
-2.475	27.747			22.505	1.76	9.643	-9.287
-2.343				-2.541	1.056	1.719	2.661
-1.993		0.535				-0.288	0.709
-2.132	-9.58	0.112		-8.775		-3.167	6.463
-2.124				0.545			0.206
-2.128			0.838				
-2.262		-0.168			0.508		1.357
-2.124	2.431	0.839			0.378	0.127	4.391
-2.121				0.65			
-2.088		0.175			0.418		
-2.034		0.372				0.466	
-2.137	-5.58		3.923	-8.247	0.557	-1.232	
-2.105		0.292			0.301		0.423
-2.151	-13.214	0.461		-14.469	0.393	-2.598	8.979
-2.117				0.694			-0.116
-1.969		0.593					0.501
-2.048		0.452				-0.03	1.074
-1.963	0.021	0.61					0.476
-2.05		0.428		0.038			0.937
-2.05		0.426	0.054				0.904
-2.049	-0.022	0.434					0.968
-2.162			-1.689		0.944	1.398	
-2.182		-0.233	2.202			-1.309	-0.277
-1.966		0.602					0.458
-2.122	2.807	0.58			1.011	2.742	-0.571
-1.966		0.596				0.005	0.456
-2.083	1.642	0.28		2.168			
-2.075	1.397	0.301	0.112	1.789			
-2.081	1.546	0.282		2.089		-0.027	
-2.053	5.078	0.433		5.282		-0.932	1.044
-2.08	1.6	0.287		2.119			-0.007
-2.069		0.296	0.744			-0.286	0.035
-2.164	-9.981			-8.981		-3.592	6.946
-2.064		0.398			0.32	-0.548	0.737
-2.073	0.038	0.284	0.801			-0.275	
-2.074		0.278	0.786			-0.299	
-2.075		0.274	0.79	0.001		-0.299	
-2.113	2.967	0.639			1.009	2.916	-0.613
-2.353	2.697				1.093	2.313	1.615
-2.111			0.451	0.077			
-2.157		-0.201		1.641		-0.965	
-2.17	-2.938			-4.01	0.956	0.752	
-2.094		0.319	-0.089		0.366		0.279
-2.003		0.638		-0.312	0.328		0.472

-1.993	1.66	1.017					3.104
-2.375	8.975		6.079		1.724	5.733	-6.642
-2.158					0.555	-0.722	0.738
-2.064		0.239	0.521				
-2.145	-3.988			-4.355	0.773		0.282
-2.181	0.677				0.746		0.47
-2.132			2.341	-0.67		-0.883	-0.271
-2.035		0.568	1.652	-2.062			1.383
-2.137	4.06		4.035				
-2.057		0.27	0.445				0.064
-2.159							1.937
-2.031		0.42			0.226		
-2.135	0.48		2.074			-0.795	-0.275
-2.065	0.361	0.331	0.857				
-2.066		0.275		0.759		-0.429	0.233
-2.069		0.224	0.511				
-2.148				0.498	0.386	-1.251	0.929
-2.062	0.346	0.334	0.856				-0.058
-2.098	3.025	0.691			1	2.802	-0.457
-2.136	3.366			4.588		-2.17	1.395
-2.009	-5.544	0.845		-7.26	0.366		3.731
-1.974		0.544					
-2.141			0.241				1.113
-2.112	-1.999		2.537	-2.565		-1.406	
-2.086	4.774	0.412		4.286	0.43		
-2.097	4.476	0.815		0.571	1.161	3.823	-0.84
-2.04		0.358	0.283				0.198
-2.092	-0.506						0.074
-2.166	0.073				0.563	-0.621	0.68
-2.367	5.916			2.81	1.224	3.425	
-2.092			2.873	-2.677			
-2.173				-0.636	0.752		0.45
-2.059		0.337	0.933	-0.452			
-2.271	3.531	0.289			1.271	3.664	
-2.059		0.62	-1.583		0.412	0.708	2.093
-2.293	3.469		1.789		1.001	2.532	-1.512
-2.169	7.873	0.251		7.795	0.228		
-2.355	1.934	-0.357	2.34		0.621		0.478
-2.053		0.346	0.838	-0.372			-0.013
-2.112		0.323	0.889	-0.66	0.33		
-2.117			0.949				-0.368
-2.142	-0.326	-0.087	1.584			-1.275	
-2.112		0.316	0.963	-0.692	0.335		-0.109
-2.051	-2.157	0.401		-2.377	0.54		
-2.105	-1.616					-1.837	0.875
-2.407			7.361	-13.059	2.711	5.975	-3.033
-2.109		0.257	0.107		0.365		
-2.163	-30.441			-29.235		-7.299	15.205

-2.156	0.061						1.895
-2.113	6.956	0.479		6.281			1.708
-2.148				0.047			1.595
-1.974		0.735	-0.674				2.139
-2.045		0.329				0.433	
-2.052	-0.783	0.292				-0.561	0.355
-2.189	-7.084		3.686	-10.973	0.932		
-2.137		-0.056	1.454	0.333		-1.16	
-2.112				1.531		-1.177	
-2.093	-0.542						
-2.1		0.38		-0.095	0.306		0.704
-2.106		0.318			0.312	0.066	0.379
-2.106	0.079	0.286			0.461		
-2.25	7.634			7.348	0.416	0.289	
-2.108		0.269			0.402	0.06	
-2.123			-0.108		0.544		
-2.054		0.306	0.436				
-2.102	0.042	0.36			0.302		0.607
-2.101		0.361	-0.066		0.303		0.655
-2.074		0.212		0.93		-0.482	
-2.106		0.277		-0.027	0.437		
-2.3	2.835				1.412	3.941	-1.866
-2.245	4.987			3.056	0.975	1.285	
-2.126	-0.412						0.505
-2.047		0.471	-0.968		0.578	0.764	
-2.216	10.487		6.102	4.202			-0.282
-2.261			2.795	-3.842	0.964	1.679	-1.237
-2.09		0.39	0.98	-1.524	0.561	0.501	
-2.133		0.177	0.399		0.322	-0.175	
-1.989	0.179	0.565					0.581
-2.057	15.858	1.209		13.423		1.211	0.855
-2.207	6.596	0.079		6.74	0.285		
-1.986		0.499				-0.264	0.705
-2.1		0.32	-0.123		0.383	0.209	0.102
-2.018	7.089	0.483		6.853			
-2.113	0.269	0.299	0.51		0.315		
-2.031		0.373			0.266		-0.022
-2.111	0.25	0.302	0.492		0.317		-0.028
-2.214	1.729				1.041	1.165	
-2.027		0.387		0.188			0.306
-2.163	2.899		1.18	2.539			
-2.08	-4.314	0.508	2.478	-7.185	0.511		0.843
-2.078	2.078	0.627			0.766	1.684	
-2.179	-7.106		4.006	-11.157	0.944		-0.447
-2.041		0.325		0.317			0.208
-2.116					0.445		
-2.024		0.647		-0.902			2.503
-2.107		0.266				-0.401	2.328

-2.107					0.469		-0.304
-2.136	-3.763			-4.026	0.773		
-2.116	10.967	0.496		10.704			
-2.109		0.282	-0.014		0.38	0.176	
-2.084						0.486	
-2.115					0.467	-0.024	
-2.228	6.545			6.709	0.32		
-2.234	7.063			7.152	0.325		0.025
-2.006		0.48					0.448
-2.237	12.626	0.576		8.222	1.28	5.704	-3.066
-2.183	4.49	0.661		1.717	0.589	1.35	2.893
-2.389	11.582			8.109	1.308	4.713	-2.198
-2.062	-9.006	0.751		-9.774		-3.247	8.607
-1.959		0.553				0.185	
-2.105				1.57		-2.39	1.389
-2.224	11.334		4.602	6.374			
-2.112	-0.642						
-2.119				0.835			
-2.093	10.523	0.608		9.99	0.1		
-2.033		0.6		-0.731			2.224
-2.02	-3.286	0.66	2.24	-6.636	0.662	0.804	
-2.155	3.132		1.401	2.764			-0.549
-2.1		0.5	-1.359		0.339		3.234
-2.215	10.41		5.276	4.837			
-2.187	4.236			3.657	0.645		
-2.071		0.188		0.584			
-1.99		0.557		-0.151			0.562
-2.193	-0.782					-2.153	3.873
-2.162			2.731		-0.29	-4.044	2.59
-2.013	-0.092	0.426					0.387
-2.095	-0.358	0.332		-0.328	0.369		0.176
-2.102	-1.306					-0.6	
-2.107	-0.648						-0.065
-2.018		0.55	2.813	-2.767			0.114
-2.032		0.422			0.137		0.347
-2.142			2.087		0.01	-2.332	0.729
-2.143		-0.009	2.134			-2.376	0.733
-2.324	11.837			10.404	0.592	1.712	-0.652
-2.101						0.541	
-2.196				0.747		-2.016	3.624
-2.056		0.441	-0.428		0.387		0.572
-2.285	5.62			3.805	0.892	2.639	-1.289
-1.96	-0.164	0.54					
-1.961	-1.38	0.547		-1.422			0.526
-2.145	3.27			4.383			-0.971
-2.166	3.416			4.008			0.481
-2.104					0.376		
-1.977		0.442	0.124				

-2.12	1.728		2.08				
-2.293				-1.288	0.62	-0.928	4.536
-1.998	-1.886	0.623		-2.405			1.922
-2.022		0.538	3.202	-3.1			
-2.212	1.527				0.968	1.002	
-2.027		0.516	3.21	-3.076			
-2.01		0.567	-0.174		0.382		
-2.011	-7.821	0.81	2.789	-11.872	0.538		2.323
-2.14							1.243
-2.028	-0.25	0.367					0.266
-2.142	8.785	0.296		8.839		-0.139	0.345
-2.175	7.981		8.446				-1.645
-2.154	3.349			4.283		-0.195	
-2.195				-1.53	1.038	1.036	
-2.111	0.185	0.276		0.362	0.349		
-2.04		0.456	3.165	-2.948			
-2.234		-0.26	1.349		0.347	-0.825	
-2.133	12.187	0.515		11.305		0.918	
-2.168	3.952	-0.031		4.752			
-2.206					0.41	-0.792	1.669
-2.013		0.707	-0.811		0.264		1.927
-2.138	1.311	0.072	2.078				
-2.262		-0.282	0.645		0.522		
-2.066		0.373			0.392		
-2.007		0.579		-0.157	0.368		
-2.031		0.468	2.975	-2.781			-0.009
-2.228				-2.778	1.37	2.587	-0.68
-1.991		0.545	-0.133				0.56
-2.143	1.173			2.302		-0.443	-0.089
-2.068	-5.699	0.499	3.965	-9.826	0.627		
-2.112	0.782	0.292	0.509		0.491	0.35	
-2.166				1.178		-2.177	2.388
-2.136	0.321		0.18	1.406		-0.654	
-2.158	1.412		2.23				0.024
-2.139	0.719			1.913		-0.571	
-2.092						0.456	
-2.136			0.432	0.882		-0.689	-0.029
-2.135			0.344	0.971		-0.711	
-2.097		0.142		0.886		-0.325	
-2.051		0.269		0.433			
-2.257				-3.187	1.399	2.759	
-2.222	0.544				0.584		1.088
-1.997	0.198	0.621			0.249		0.434
-2.115		0.62		-3.184	1.151	2.856	
-2.131	14.422	1.009		10.865	0.534	2.982	
-2.099		0.163	2.131		-0.116	-2.778	1.159
-2.132	-0.657		0.752			-0.804	-0.018
-2.148	-6.983		2.821	-9.438	0.755	-0.552	

-2.131	-0.708		0.712			-0.83	
-2.049		0.297		0.434			
-2.132				1.283		-0.749	0.114
-2.109				0.872			-0.211
-2	-0.718	0.647	-1.56				2.652
-2.152	9.631	0.265		9.656		0.117	
-2.146	3.152			4.209		-0.282	-0.169
-2.197		-0.169	1.605		0.247	-1.226	
-2.023	-0.667	0.512	-1.073		0.377		0.648
-2.153	2.721		-0.291	3.844			-0.262
-2.291	9.922			9.158	0.433	0.723	
-2.187			-0.863		0.623		1.428
-2.087	-1.468					-1.031	
-2.095						0.529	-0.06
-2.064	18.5	1.227		15.928		1.71	
-1.958		0.559		0.143			
-1.973		0.446		0.103			
-2.259	-23.597			-24.111	0.497	-4.406	12.438
-2.162	4.153	-0.033		5.078			-0.344
-2.133			1.464			-0.537	-0.665
-2.139	2.105	-0.019		3.355		-0.603	
-2.087		0.187	2.216		-0.148	-3.026	1.336
-2.058		0.273		1.004		-1.349	0.89
-2.188	1.773			2.691		-2.423	2.992
-2.121	15.514	1.059		11.957	0.491	3.007	-0.218
-2.071	0.33	0.401			0.496		
-2.191				0.583	0.186	-1.977	2.746
-2.081							0.421
-2.053	-0.917	0.224				-0.541	
-1.957		0.573	0.139				
-2.135	1.462	0.041	2.497				-0.626
-1.972	-0.099	0.449					
-2.265		-0.236			0.661	0.644	
-2.162	0.46				0.731		
-2.169			0.8		0.352	-0.428	
-2.264	0.546				0.404	-1.582	4.372
-1.956		0.582					
-2.085	-1.669					-2.402	1.361
-2.152	2.735		-0.735	4.173			
-2.127	-1.321					-1.03	0.58
-2.198	-0.288				0.287	-1.634	2.601
-2.209				-0.392	0.562		0.891
-2.183				-1.01	0.87	0.566	
-2.034		0.374		0.796		-1.36	1.06
-2.1	1.068	0.395		0.156	0.59	0.864	
-2.197		-0.142	1.199		0.345	-0.698	-0.176
-2.256				-3.325	1.54	2.759	
-2.226	2.56	-0.112		2.996	0.423		

-2	0.071	0.568			0.297		
-2.116				1.553		-1.503	0.614
-2.184	6.82		6.91				-0.503
-2.482			6.314	-13.013	2.79	6.061	-0.736
-2.063	-5.082	0.481	3.589	-8.754	0.602		-0.172
-2.103		0.584		-2.366	0.9	2.162	
-2.257	9.177			9.146	0.266		0.04
-2.157				-0.434	0.732		
-2.068		0.396		-0.302	0.49		
-1.961	-0.579	0.553	-0.687				0.633
-2.052		0.235	1.767			-1.991	
-2.116	5.042	0.884	0.587		1.242	4.237	-0.424
-1.968		0.47				0.09	
-2.191	5.835		6.992				-1.885
-2.065	-0.592	0.191					
-2.161	-1.172					-2.345	2.757
-1.996		0.541			0.23	0.03	
-2.223	0.887				0.754	0.855	
-1.997		0.538			0.251		
-1.996		0.549			0.232		0.046
-2.182						-1.448	3.514
-2.13		0.365		-1.54	0.824	1.341	
-2.05	-2.239	0.435		-2.65	0.531		0.478
-2.103					0.318		0.239
-1.999		0.504					0.385
-2.194	-2.282		2.303	-4.171	0.573		-0.487
-2.08	0.172	0.338					1.682
-2.184			0.084		0.46		0.189
-2.151			-0.532		0.65		0.488
-2.006		0.461				0.192	0.281
-2.028		0.602	-0.821				2.474
-2.028		0.6	-0.822				2.481
-2.109	-0.839						
-2.257	3.933			2.736	0.655		1.648
-2.185		-0.229	2.497			-2.037	
-2.166				0.529	0.371	-0.66	0.367
-2.133		0.263	0.82		-0.03	-2.406	3.494
-2.051							
-2.077		0.345		-0.17			1.649
-2.058		0.739	-1.795		0.177		4.221
-2.099			0.289	0.322			
-2.038	-0.409	0.315					
-2.203	0.499				0.679	0.492	-0.098
-2.32		0.003		-2.988	1.388	3.405	
-2.204			1.062		0.092	-2.137	2.85
-2.182			1.664	-0.896	0.423		-1.012
-2.226			0.809	-1.366	0.661	0.781	
-2.033	-0.374	0.317					

-2.075		0.339	-0.154				1.59
-1.962		0.483					
-2.116		-0.004		1.475		-1.066	0.284
-2.138					0.591	-0.377	
-2.057		0.232	1.251		0.166	-1.515	
-2.191		-0.081	0.554		0.474		-0.325
-1.969		0.703		-0.361			1.354
-2.007		0.374				0.37	
-2.089	2.362	0.205	-0.031	2.95			
-2.102		0.167	2.138	-1.481			
-1.995		0.569			0.164	-0.068	0.407
-2.106		0.371		-1.03	0.675	0.907	
-2.18	6.063		5.994				
-2.108		0.373		-1.1	0.695	0.962	-0.013
-2.198	-2.467		1.771	-4.049	0.582		
-2.186				-0.038	0.541	0.114	
-2.081		0.297					1.29
-2.041	-0.756	0.594	-1.71		0.27		2.383
-2.225	0.864		0.315		0.612	0.818	
-2.186	2.098	-0.005		2.505	0.409		-0.16
-2.18	0.461		1.21		0.388		-0.914
-2.151		0.262			0.161	-1.412	3.392
-2.11	-2.756	0.162		-2.946	0.699		
-2.096	-1.476					-1.062	
-2.132	0.714		1.893				-1.106
-2.226	0.94				0.767	1.182	-0.317
-2.07						-0.187	0.596
-2.21	8.612			9.241		-0.433	0.171
-2.171	-2.365			-3.723	1.065	0.95	
-2.12		0.145		-0.254	0.639		
-1.998		0.533			0.153		0.359
-2.007							
-2.221				-1.193	0.976	1.895	-0.949
-2.212	9.12			9.683		-0.257	
-2.205		-0.19	1.574			-1.241	1.167
-1.992		0.677	-1.967	1.065			2.739
-2.223	1.103			0.459	0.628	0.888	
-2.169				-1.769	1.054	1.368	
-2.12	0.25	0.146			0.624		
-2.139	-3.693			-4.156	0.831		0.351
-2.134			2.47	-1.693			-0.44
-2.183	-4.702			-5.46	0.783		1.414
-2.11					0.453		
-2.02	-0.703	0.394				-1.185	0.991
-2.035	-0.886	0.317				-1.237	0.903
-2.06	-5.207	0.371	3.681	-8.837	0.66	-0.274	
-2.218	9.641			10.008			-0.008
-2.073							0.629

-2.048				1.485		-1.602	
-1.988		0.932		-1.391			2.831
-2.146						0.214	1.047
-2.073	-0.651	0.21				-0.1	
-2.056		0.381			0.379	-0.234	
-2.106	5.456	0.573		4.752		-0.545	2.646
-1.955		0.613	-0.298			0.267	0.486
-2.178			0.395		0.426	0.056	-0.363
-2.084		0.5		-1.402	0.697	1.16	0.029
-1.958		0.581	-0.912	0.767			0.672
-2.159	-0.283		0.838			-1.101	1.584
-2.148			2.201	-1.577			0.397
-2.16			1.371	-0.211		-0.955	1.221
-2.076		0.528		-1.565	0.739	1.23	0.071
-2.094	0.37	0.357			0.474		0.424
-2.202				-0.351	0.608	0.543	-0.046
-2.098	-0.838						-0.165
-2.438	24.57			20.599	1.328	6.955	-6.503
-2.17				-1.422	0.824	1.202	
-2.142			2.561	-1.78			
-2.147			-1.055		0.786	0.831	
-2.073		0.441	-1.671		0.754	1.512	
-2.144	-1.496			-1.771	0.746		
-2.225	10.33			10.851		-0.291	-0.121
-2.21		-0.119		0.42	0.518		
-2.137			1.821	-1.231			
-1.943		0.645					
-2.087		0.183	2.128	-1.371			-0.347
-1.985	-3.044	0.503	2.418	-5.16			
-2.065			0.059				0.389
-1.955		0.625		-0.297		0.309	0.415
-2.053		0.403	-0.204		0.402		
-2.032		0.657	-1.222		0.332		2.918
-2.129	7.692			7.278			0.598
-2.011		0.579	-0.99	0.58	0.345		0.648
-2.21		-0.277	2.929	-0.811		-1.23	
-2.148		0.114			0.512	0.202	-0.053
-2.169	-1.018	-0.04				-1.38	2.427
-2.065				0.035			0.413
-2.114		0.25		-0.142	0.478		0.257
-2.092			2.614		-0.063	-2.919	
-2.067							0.432
-2.065	-0.02						0.423
-2.134	-3.33			-3.571	0.808		
-1.983		0.712	-0.967			0.311	2.219
-2.011		0.59	-0.411		0.389		0.568
-2.148				-0.301	0.701		
-2.18	0.597			1.022	0.384		-0.226

-2.125			1.455	-0.496			-0.659
-2.147		-0.148		1.658		-0.924	
-2.037		0.376			0.243	0.207	
-2.21	0.499	-0.269	2.524			-1.142	
-2.202	-0.368	-0.092			0.542		
-2.149	0.298				0.685		
-2.34				-4.562	1.717	3.145	2.11
-2.076		0.593	-1.888		0.449	0.644	3.006
-2.123		-0.062		1.588		-1.031	
-2.245		-0.09	0.095		0.416	-0.483	1.99
-2.112				1.427		-0.856	
-2.137			-0.319		0.632		
-1.975		0.616				-0.67	1.049
-2.087		0.364	-1.2		0.651	1.078	
-2.004		0.697		-0.519	0.279		1.158
-2.101	8.705	0.601		7.941	0.155		0.736
-2.123			0.758				-0.266
-2.041		0.532	-1.059		0.526	0.716	0.392
-2.019	-3.758	0.515		-3.619		-0.874	2.352
-2.07		0.702	-0.829		-0.071	-1.753	5.575
-1.987		0.506	0.097				
-2.193	3.968			3.836	0.457	-0.753	0.842
-2.144			0.487				0.874
-2.096	-1.607					-1.55	0.65
-2.078	-1.328	0.103				-1.127	0.48
-2.166	-2.14		0.856	-2.408	0.442	-0.397	
-1.965		0.912	2.491	-3.154			0.685
-2.178			-1.397	-0.493	1.012	1.537	
-2.129			2.986	-1.99			-0.616
-2.091		0.212			0.396		
-2.166		-0.017		0.894		-1.064	2.029
-2.218				-2.723	1.404	2.401	-0.526
-1.976		0.308					
-2.012		0.432				0.331	
-2.212	4.263			3.445	0.661		0.554
-2.074		0.703	-1.078			-1.394	5.398
-2.059			0.332				
-2.153			-1.603		0.94	1.318	
-2.135	-1.007		2.894	-2.177		-1.04	
-2.008		0.602		-0.366	0.385		0.495
-2.015		0.408				0.359	
-1.955		0.639	-0.09				0.537
-2.113		0.119	1.528		0.107	-1.463	
-2.226		0.005	-0.452		0.487		2.021
-2.127	-5.727	0.679		-7.493	0.345	-1.456	6.934
-1.968	0.138	0.644					0.807
-2.061	-0.377	0.369				-0.338	0.923
-1.984		0.511		0.08			

-1.959	0.222	0.624				0.247	0.407
-2.213			-1.426		0.684		2.815
-2.147				0.337			1.237
-2.063		0.366		0.352		-0.248	0.807
-2.086	-0.669	0.096				-0.151	
-2.172	3.071	0.455			1.176	3.425	-1.089
-2.054			0.217				
-2.186		-0.232	2.922	-0.714		-1.195	-0.458
-1.958		0.63		-0.059			0.504
-2.081		0.196			0.378	0.051	
-2.062		0.373	0.365			-0.173	0.628
-2.105		0.094	0.731				
-2.207	12.3		7.807	4.716			-1.603
-2.094		0.164	-0.051		0.464		
-1.982	-0.073	0.515					
-2.188	0.5	-0.227	2.612			-1.094	-0.455
-1.982		0.709	-0.837				2.597
-2.253			4.243	-5.07	1.068	1.954	-2.57
-2.042	-6.671			-4.771		-2.22	1.113
-2.169	0.154		-1.665		0.976	1.5	
-2.124				0.588			0.137
-2.067	0.826	0.362		1.083			0.53
-2.164			-1.704		0.945	1.375	0.052
-2.033		0.365				0.473	
-2.088		0.475	-0.923		0.385	0.455	1.346
-2.037	-1.485					-1.52	
-2.163			-1.682		0.944	1.379	
-2.193	-2.303			-3.934	1.083	1.278	
-1.969		0.601				-0.03	0.56
-2.021	-0.563	0.465	-0.731		0.411		
-2.109			3.948	-3.729			
-1.977	-3.186	0.436		-2.52		-0.872	0.795
-1.961	-1.118	0.482		-0.946			
-1.969		0.595					0.499
-1.963	0.02	0.612					0.474
-1.98		0.532				0.069	
-1.966		0.599				0.009	0.45
-2.052	0.054	0.417	0.157				0.807
-2.05		0.427	-0.001	0.04			0.935
-2.078	0.966	0.285	0.323	1.274		-0.126	
-2.08	1.381	0.292	0.222	1.683			
-2.103			4.188	-3.876			-0.246
-2.078	1.414	0.293	0.175	1.766			-0.027
-2.083	1.671	0.282		2.184		0.014	
-2.08	1.461	0.284		2.014		-0.049	0.015
-2.149	-0.215						1.509
-2.07		0.286	0.591	0.179		-0.334	0.074
-2.069	-0.09	0.29	0.682			-0.332	0.064

-2.073	0.048	0.284	0.808			-0.27	
-2.074		0.278	0.769	0.019		-0.302	
-2.161	-3.317			-4.14	0.89	0.485	0.104
-2.13	-3.49			-3.8	0.815		
-2.169	0.307				0.643	-0.399	0.62
-2.151				0.249	0.475	-0.996	0.844
-2.075		0.161		1.172		-0.851	
-2.151	4.164			5.303		-2.109	1.375
-2.069		0.219	0.561				-0.035
-2.051				0.199			
-1.986	0.618	0.509				0.938	
-2.126	-0.796		2.599	-1.602		-1.057	-0.219
-2.034		0.572	1.708	-2.075			1.259
-2.03		0.59	1.61	-2.103			1.519
-2.106	7.749			7.565			
-2.072							0.31
-2.032		0.417			0.24		-0.044
-2.135	-2.567	-0.124	2.831	-3.046		-1.745	
-1.973		0.55					
-2.062						0.416	
-2.088			2.99	-2.794			
-1.992		0.332		0.782		-0.813	
-2.05	-0.198						
-2.023		0.654	-1.803	0.853	0.237		2.354
-2.156	8.563	0.321		8.405	0.193		
-2.308	22.865		10.827	12.943			-4.926
-2.292	2.867		2.072	-0.848	1.02	2.468	-1.512
-2.284			2.129	-5.773	1.72	3.691	-1.472
-2.109		0.343	0.673	-0.537	0.321		0.214
-2.052	-2.155	0.392		-2.385	0.553		
-2.203	-6.485		3.476	-10.554	1.012	0.363	
-2.117	-1.605		-2.036		0.596		0.616
-2.237	4.241			2.311	1.012	1.292	
-2.193	-6.996		3.445	-10.714	0.923		0.192
-2.126			-0.107		0.537		
-2.046		0.496	-0.979		0.554	0.792	
-2.227	4.819			3.301	0.871	0.888	
-1.961		0.587				0.187	
-2.226	10.999		5.896	4.88			-0.251
-2.09						0.524	
-1.995		0.435		-0.426		0.762	
-2.207	-6.184		4.168	-11.1	1.136	0.762	-0.756
-2.103	0.057	0.359	0.024		0.302		0.589
-2.126	-0.39						0.54
-1.97	0.378	0.662					0.727
-1.956		0.563		-0.165		0.354	
-2.021	6.757	0.458		6.69		-0.187	
-2.231	2.147				1.143	1.557	

-2.056						0.326	
-1.96	-0.452	0.501	-0.294				
-1.957		0.552	-0.109			0.292	
-2.118					0.463	-0.026	
-2.029		0.377		0.207			0.292
-2.09	-8.29			-6.637		-2.6	2.838
-2.109					0.471		-0.321
-2.167	2.938	-0.014	1.195	2.575			
-2.164	2.885		1.159	2.533			0.034
-2.084						0.494	
-2.083						0.47	0.021
-2.003	-1.904	0.608		-2.526			2.219
-1.963	-1.944	0.554	0.754	-2.662			0.395
-1.958	0.091	0.563				0.279	
-1.963	-1.473	0.567		-1.509			0.51
-2.222	10.847		5.031	5.493			
-2.097		0.088		0.731			
-2.196	5.067			4.468	0.615		
-1.961	-0.162	0.568					
-2.059	-0.666	0.565	-2.005		0.325		3.321
-2.175	3.469	-0.079	1.534	3.077			-0.653
-1.974		0.708		-0.725		0.399	1.415
-2.001	-1.518	0.632	-0.632	-1.557			2.279
-2.097	-1.384					-0.744	
-2.117	-1.534	-0.087				-0.785	
-2.175	8.358		9.016				-2.212
-2.095					0.489		
-2.105						0.586	
-1.982	-0.617	0.362				-0.59	
-1.982		0.421					
-2.146		-0.014	2.09		0.017	-2.308	0.7
-2	0.24	0.595			0.292		0.453
-2.019		0.674		-0.882	0.365		1.973
-2.111					0.408		
-2.057	-0.397						
-2.011		0.548	-0.185		0.401		
-2.144	3.124		0.237	4.04			-1.057
-2.147	4.055			5.102		0.205	-1.229
-1.969		0.826	3.162	-3.46			
-2.079		0.39		-0.102	0.462		
-2.15	2.991	0.065		3.471			0.638
-2.088	5.079			6.072		-1.307	
-2.011		0.546	-0.4	0.226	0.382		
-2.186				0.605	0.219	-1.473	1.951
-2.173	3.401	-0.085		4.488		-0.304	
-2.01		0.556		-0.179	0.399		
-2.211				-1.953	1.158	1.44	
-2.005	-1.126	0.611	-1.746			-0.3	2.779

-2.244				-3.005	1.398	2.704	-0.381
-2.094					0.308	0.221	
-2.055				0.302			
-2.056		0.349			0.399		
-2.247		-0.28	1.161		0.401	-0.584	
-2.053	-0.036	0.36			0.362		
-2.088						0.3	0.151
-2.013		0.372	0.319				
-2.003	-0.686	0.639	-1.622				2.912
-2.132	1.15	0.113	1.745				0.339
-2.065		0.373	0.006		0.387		
-2.206	0.015				0.415	-0.777	1.666
-2.132			0.651	0.751		-0.684	-0.261
-1.958		0.584		0.14			
-2.141	0.727		0.234	1.695		-0.525	-0.085
-2.215	2.277			2.495	0.242	-1.649	2.576
-2.065	-1.174	0.122				-0.777	
-2.137	0.312		0.221	1.351		-0.645	
-2.261			0.106	-3.347	1.414	2.813	
-2.053	-0.311						
-2.052						0.149	
-1.997	0.209	0.625			0.245		0.476
-1.957		0.539	-0.25	0.39			
-2.13	-0.536		0.925			-0.766	-0.225
-1.96	-9.046	0.804		-9.508		-1.554	4.739
-2.163	3.349	-0.069		4.524		-0.339	-0.212
-2.023	-0.649	0.508	-1.062		0.385		0.649
-2.077							0.431
-2.103	-1.426		-1.618		0.595		
-1.957		0.594	0.133				
-2.109					0.362		0.178
-1.964	-0.675	0.574	-0.783				0.631
-2.03		0.236	0.321				
-2.108	0.411						1.548
-2.068		0.224		1.104		-1.364	0.83
-1.957		0.602					
-2.016		0.307				0.343	
-2.006		0.823	-1.438				3.449
-2.052	-0.936	0.22				-0.582	
-2.084							0.384
-2.023							
-1.967	-1.069	0.512	-0.914			-0.353	0.78
-2.047							
-2.234	-0.761			-3.546	1.415	2.261	
-2.008		0.437				0.365	
-2.017	-0.332	0.297					
-2.175			-0.786	-1.155	1.095	1.516	
-2.003	0.086	0.552			0.319		

-1.974		0.599	1.02	-1.447		0.72	
-1.988							
-1.975		0.689		-0.494			1.729
-2.057		0.257	1.42		0.091	-1.661	
-2.06							
-2.093		0.262	1.044	-0.875			1.024
-2.064				1.568		-1.716	
-2.059							
-2.1				-0.325			1.393
-2.071	-0.628	0.168					
-1.996		0.536			0.239	0.045	-0.054
-1.996		0.536			0.235	0.026	
-2.08							0.415
-1.996		0.539			0.236		0.051
-2.085		0.555	2.074	-2.235	0.438		
-2.188	-1.89		2.461	-3.765	0.551		-0.859
-1.981		0.93	1.226	-2.332			1.983
-2.005		0.371	-0.149			0.512	
-2.012							
-2.149		0.274		-1.433	0.872	1.696	-0.526
-1.966	-2.445	0.523	1.617	-3.826			
-2.221	-1.329		1.415	-3.157	0.691	0.581	
-2.156	8.981			8.5			0.595
-1.996		0.55			0.184	-0.096	0.429
-2.091			-0.266				1.262
-2.117	-1.483	0.147		-1.709	0.678		
-2.097	-0.129				0.354		
-2.119		0.172		-0.234	0.607		
-1.993		0.669	-1.949	0.968			2.962
-1.955		0.645	-0.371			0.359	0.452
-2.061				0.358			
-2.036							
-2.119	0.231	0.175			0.592		
-2.152	10.066			9.749			
-1.995	-4.549	0.437	3.141	-6.904		-0.48	
-2.111	-2.756	0.156		-2.951	0.707		
-1.961		0.598	-1.133	0.974			0.692
-2.071						-0.187	0.594
-1.991		0.684	-1.776	0.801		0.125	2.651
-2.161	-2.784			-3.866	0.992	0.654	0.114
-2.016		0.322		0.308			
-2.068			0.346				
-2.003		0.399		0.697		-0.736	
-2.148	7.123			6.498			1.248
-2.202	-0.249	-0.187	1.309			-1.337	1.377
-2.128			2.751	-1.838			-0.774
-2.116			-0.057		0.501		
-2.207		-0.199	1.89	-0.259		-1.216	1.013

-2.047	-1.879			-1.489			
-2.112				-0.022	0.471		
-2.089					0.443		
-2.173	-5.176			-5.637	0.701	-0.33	1.582
-2.05	-2.479			-2.261			0.322
-1.956		0.593	-0.66	0.418		0.157	0.581
-2.046	-8.565		2.047	-8.308		-2.457	0.833
-1.981	0.692	0.619				0.999	
-2.073							0.629
-2.027	-0.781	0.36				-1.2	0.947
-1.955		0.653		-0.353		0.39	0.373
-2.073		0.46	-1.614		0.717	1.474	
-2.147			2.089	-1.46			0.403
-2.036		0.637	-1.682	0.423	0.31		3.06
-1.982	-4.791	0.421	1.597	-5.377		-1.086	0.58
-2.06	-0.353						
-2.205	-1.845	-0.312	3.845	-3.185		-1.646	
-2.146			-1.082		0.797	0.855	
-2.142	-1.748			-2.021	0.759		
-2.058	-8.486		4.427	-10.918		-1.611	
-2.067			0.06				0.383
-1.985	-3.046	0.501	2.435	-5.18			
-2.086					0.376		0.239
-2.167	0.457		-1.469		1.034	1.56	
-1.985		0.703	-0.995			0.268	2.401
-2.067				0.036			0.407
-1.993		0.547		-0.513		0.836	
-2.067	-0.021						0.418
-1.967	0.503	0.681				0.375	0.877
-2.068			0.319				
-2.154			-1.594		0.94	1.211	0.14
-2.029	-6.578			-4.638		-2.316	1.194
-2.046	-1.363		-1.276				0.535
-2.036		0.391			0.232	0.213	
-2.062			0.593			-0.289	
-2.138	7.326			8.248		-1.383	
-2.138		-0.112		1.629		-0.958	
-1.963	-1.307	0.523		-1.138			
-2.017	8.032	0.578		6.713		1.364	
-2.041	-2.248			-1.914			
-2.051		0.762	-0.745		-0.126	-1.936	5.63
-2.056	-3.484		1.543	-4.611			
-2.081		0.242			0.343	0.066	
-2.019	-4.035	0.506	0.275	-4.074		-0.926	2.245
-2.067	-0.282						0.225
-2.151			-1.559		0.939	1.244	
-1.981		0.288					
-1.977	0.963	0.587	0.337			0.931	

-2.194	4.039			3.894	0.459	-0.745	0.842
-2.108						0.822	
-2.049	-1.533					-1.586	
-2.095		0.204	-0.032		0.426		
-1.975		0.305					
-2.006		0.452				0.271	
-2.242	3.898				1.472	4.033	-1.279
-1.99	-0.425	0.448				-0.397	
-2.06			0.212				
-2.064						0.359	
-1.97	0.185	0.64					0.939
-1.959	0.282	0.646				0.327	0.371
-2.107			4.508	-4.281			
-2.039	-3.318		-2.166			-1.517	1.216
-2.018	-10.327		4.134	-11.641		-2.941	0.739
-2.182			-1.989		0.956	1.445	0.632
-2.359			10.975	-11.934	1.274		
-2.065							
-2.059	-0.431	0.378	-0.093			-0.349	1.02
-2.068						0.314	0.148
-2.033	-10.225		6.222	-13.893		-2.194	
-2.063		0.367	-0.036	0.38		-0.253	0.832
-2.178	-1.079	-0.235	3.304	-1.994		-1.436	-0.396
-1.995		0.31					
-2.141	-1.792		-2.601		0.583		1.668
-2.125	0.682				0.491	0.744	
-2.001		0.505	1.16	-0.891			
-2.1			4.511	-4.186			-0.277
-2.183	0.515		-1.638		1.053	1.814	
-1.963	-1.539	0.45		-1.168		-0.214	
-2.17	0.183		-1.658		0.982	1.524	-0.011
-2.06			-0.204			0.606	
-2.065	0.801	0.368	-0.066	1.093			0.591
-2.021	-0.594	0.472	-0.754		0.4		
-1.969		0.599				-0.041	0.588
-1.993	0.571	0.463				0.881	
-2.109			3.872	-3.67			0.047
-2.058				0.195			
-2.019	-4.558			-2.998		-1.386	
-1.977	-3.183	0.434		-2.514		-0.876	0.797
-2.061							0.45
-2.064				-0.184		0.586	
-2.03		0.203		0.29			
-2.055						0.415	
-2.079	1	0.285	0.367	1.25		-0.103	
-1.956		0.623		-0.278		0.474	
-2.077	0.889	0.286	0.325	1.206		-0.147	0.013
-2.1	-0.75		-0.758		0.508		

-1.957		0.608	-0.234			0.419	
-2.112	-1.408		-1.872		0.627		0.625
-2.083					0.363	0.182	
-1.983	0.9	0.536		0.232		0.984	
-1.963	-0.609	0.533	-0.46				
-2.025		0.374				0.321	
-2.036	-1.203		-0.908				
-2.029	-0.299	0.203					
-2.153		0.355	7.105	-7.804	0.824		
-2.065				0.308			
-2.057	-0.193						
-2.062	-0.005					0.412	
-2.039		0.304	0.299				
-2.106			-2.843	2.386	0.502		0.742
-2.072				0.221			0.255
-2.065						0.309	
-2.281			2.542	-6.147	1.762	3.798	-1.893
-1.957	0.229	0.623				0.426	
-2.087	-9.232		1.215	-8.51		-2.709	2.46
-2.017	-1.453	0.563	-2.114			-0.592	3.607
-1.987		0.47					
-2.207	-6.543		3.747	-10.912	1.046	0.447	-0.168
-2.233	4.373			2.576	0.971	1.16	
-2.126	1.123				0.713	1.01	
-1.997		0.422		-0.404		0.737	
-2.047			-2.37	2.338			0.71
-2.098					0.319	0.155	
-1.957		0.581	0.227	-0.433		0.406	
-2.066				0.29			
-2.067	2.481			2.678			
-1.958	-0.262	0.521	-0.231			0.14	
-2.056				0.045		0.282	
-2.056	0.01					0.335	
-2.006	-1.558	0.617	-0.611	-1.708			2.541
-2.127			-0.17		0.543		
-1.964	-1.862	0.567	0.557	-2.397			0.417
-2.075							
-2.083						0.483	0.01
-2.132			-0.265		0.535		0.273
-2.064	-0.296						
-2.116					0.516		-0.349
-2.105				-0.11	0.583		
-2.168	2.987	-0.018	1.179	2.647			-0.012
-2.021	-1.191	0.232		-0.847			
-2.006		0.464	-0.277			0.628	
-2.098	-0.12				0.317		
-2.052	-0.609		-0.218				
-2.101			-0.072		0.55		

-1.976		0.7		-0.745		0.363	1.559
-2.077			0.179				0.257
-2.036	-8.32		3.195	-9.21		-2.058	
-2.091	-0.043				0.454		
-2.071			0.277				
-2.052	-0.394						
-2.001	0.341	0.616			0.276		0.768
-2.108	-1.497	-0.053				-0.807	
-2.238	4.006				1.576	3.976	-1.153
-1.959		0.56	-0.581	0.708			
-2.097					0.3	0.168	0.084
-1.977	-4.666	0.42	2.442	-6.092		-0.806	
-2.087							0.674
-2.115				-0.038	0.439		
-2.078		0.372		-0.108	0.478		
-2.113	0.594						2.036
-2.095			-2.133	1.956	0.518		
-2.146	3.595		0.191	4.511		0.118	-1.184
-2.013		0.395	0.313				
-2.205			-2.466		0.981	1.26	2.276
-2.057	-0.152	0.333	-0.13		0.387		
-2.059						0.14	
-2.054	-0.026	0.347			0.377		
-2.055		0.35	0.008		0.391		
-2.166	-1.557		-2.979		0.651		3.152
-2.013	-0.026	0.366	0.295				
-2.116			-0.392		0.636		0.398
-2.019	-0.327	0.345					
-1.995							
-2.099	-1.289		-1.496		0.614		
-1.956	-9.826	0.793	0.511	-10.605		-1.697	4.576
-2.119				-0.098	0.432		0.197
-2.1	-0.08				0.308		0.162
-1.975		0.627	0.808	-1.284		0.769	
-1.967	-0.977	0.542	-0.913			-0.231	0.728
-2.024		0.267	0.185			0.148	
-2.105				-0.514			1.916
-2.009							
-2.036			-1.647	1.897			
-2.075	-3.854		-3.147			-1.725	2.925
-1.999	0.626	0.56				0.913	
-2.065							
-2.599			11.412	-12.066	1.371		
-1.999	-6.422	0.327	4.352	-9.406		-1.058	
-2.056			0.362				
-2.108			-0.225		0.626		
-2.11				-0.283	0.584		0.314
-2.073	-2.943			-2.993			1.109

-1.996		0.534			0.24	0.038	-0.039
-1.984	-6.863	0.3	2.84	-8.03		-1.765	0.614
-2.083					0.539	0.498	-1.362
-2.314		0.35	7.731	-8.231	0.902		
-2.094			-0.409				1.656
-2.054				0.359			
-1.966	-2.363	0.535	1.424	-3.561			
-2.05	-1.527			-1.394		0.27	
-2.209	3.256				1.446	3.624	-2.06
-2.047	-0.339						
-2.104				-0.165	0.581		
-2.017		0.361		0.302			
-1.958		0.622	-0.801	0.491		0.236	0.559
-2.01		0.351					
-2.053	-0.235						0.298
-2.117	-1.113	0.161		-1.335	0.651		
-2.156	8.894			8.401			0.638
-2.032							
-2.04		0.276		0.271			
-2.071	-1.545		-1.849				1.598
-2.062			0.072	0.286			
-1.994		0.674	-1.865	0.848		0.068	2.903
-2.222	3.557				1.323	3.233	
-2.109			-0.312	0.275	0.49		
-2.05	-2.031			-1.639			
-2.045	-2.343			-2.139			0.343
-1.977	0.844	0.64	0.162			0.983	
-2.502			12.369	-12.731	1.348		-1.088
-2.213	1.731		-1.32		1.307	2.603	
-2.085					0.403	0.064	
-2.038	-0.277	0.274					
-2.046	-0.495						-0.418
-2.023	-2.261		-1.186			-0.892	
-2.091					0.483		-0.135
-2.089	5.825			5.284		0.656	
-2.072			0.622			-0.336	
-2.089	0.002				0.444		
-2.05	-2.538		0.082	-2.392			0.307
-1.982	0.664	0.617		-0.024		0.995	
-2.058	-0.6					-0.277	
-2.271		0.345	8.623	-8.865	0.907		-0.869
-2.056						0.243	0.247
-2.004		0.499		-0.42		0.733	
-2.019	-9.87		5.195	-12.395		-2.395	
-2.062							
-2.064							0.831
-2.049	-3.464		1.825	-4.875			
-2.093	0.083				0.434		0.263

-2.171	1.942				0.792	1.916	
-2.052						0.342	
-2.055				0.18			0.333
-2.18	0.931		-1.344		1.132	1.942	-0.166
-2.085					0.369	0.019	0.227
-2.048	-2.92		0.804	-3.351			
-2.044	-1.314		-1.228				0.536
-1.967	0.502	0.68				0.37	0.886
-1.963	-1.383	0.516		-1.175		-0.042	
-2.049				0.302			
-2.039	-2.2			-1.868			
-2.066			-0.235			0.527	0.158
-2.067	-0.34					-0.072	0.246
-1.984		0.298					
-2.062			-0.17			0.523	
-2.057			0.154				0.334
-2.079	-0.378				0.427		-1.002
-2.041	2.164	0.201		2.364			
-2.091	3.798			3.921			
-2.115			3.88	-3.867			0.565
-2.035	-3.248		-2.085			-1.535	1.226
-2.086	-3.928		-3.546			-1.974	4.377
-2.061						0.392	-0.093
-2.064				-0.024		0.384	
-2.169	-0.602		-2.21		0.835	0.974	0.981
-2.068				-0.097		0.417	0.128
-2.055	-0.273		-0.342			0.479	
-2		0.498	1.256	-0.987			
-2.056				-0.176		0.577	
-2.097	-0.601		-0.625		0.528		
-2.056			-0.161			0.565	
-2.052			0.286				
-2.06			-0.203	-0.001		0.606	
-1.959	-0.277	0.575	-0.362			0.257	
-2.02	-4.568			-3.007		-1.387	
-2.055	0.023					0.436	
-2.12			-3.356	2.636	0.484		1.48
-1.956		0.619	-0.082	-0.187		0.461	
-2.025	-1.396	0.291		-1.057			
-2.067			-3.051	2.654			1.682
-2.145			-1.042		0.647		2.123
-2.03		0.352	0.098			0.218	
-2.058				0.388			-0.224
-2.037	-1.224		-0.929				
-2.065				0.086		0.226	
-2.065	-0.026					0.285	
-2.045			-2.853	2.996		-0.295	0.891
-2.045			-2.243	2.218			0.698

-2.064	3.882	0.306		3.987			
-2.101				0.161	0.475		-0.638
-2.083	-2.978			-3.4			2.123
-2.126			-0.148		0.544		-0.06
-1.98	-5.952	0.345	3.337	-7.883		-1.184	
-2.051	-0.582		-0.19				
-2.077			0.185				0.24
-2.222	3.707				1.513	3.745	-1.276
-2.015	-0.101	0.38	0.22				
-2.186	-0.722		-2.694		0.832	0.693	2.607
-2.057	-0.13	0.328	-0.113		0.394		
-2.114	7.154			6.549		0.642	
-2.036			-1.687	1.968		-0.036	
-2.037			-1.677	1.927			
-2.076	-1.386		-1.943				2.275
-2.611			11.841	-12.365	1.385		-0.328
-2.121				-0.499	0.588		0.908
-2.081					0.516	0.352	-0.963
-2.056			0.452	-0.092			
-2.043	-0.676					-0.377	
-2.073	-2.57		-0.61	-2.113			1.325
-2.051	-0.496					-0.338	0.413
-2.051	-1.635			-1.483		0.252	
-2.047	-0.331						0.023
-2.043	-0.767					-0.297	-0.435
-2.079			-0.373				1.757
-2.045	-2.657		0.493	-2.897			0.263
-2.083	-0.12				0.46		-0.38
-2.024	-2.327		-1.243			-0.902	
-2.056			-0.13			0.37	0.239
-2.059						0.156	0.49
-2.055				0.01		0.232	0.249
-2.045	-3.081		1.267	-3.962			
-2.064				0.018			0.785
-2.052			-0.065			0.406	
-2.051				0.07		0.269	
-2.073			-0.364			0.549	0.455
-2.06				0.029		0.373	-0.123
-2.071			-2.853	2.265			2.219
-2.054	-0.247		-0.316			0.479	
-2.065			-3.597	3.37		-0.323	1.939
-2.043			-2.678	2.825		-0.288	0.871
-2.083	-3.046		0.114	-3.565			2.089
-2.036			-1.723	2.004		-0.038	
-2.078			-0.604			0.342	1.585
-2.044	-0.657					-0.38	0.059
-2.065				-0.189		0.254	0.75
-2.361			8.175	-5.166		-2.949	

-2.07			-3.489	3.081		-0.38	2.576
-1.62		0.847	14.179	-16.564	1.429		
-1.694	3.46	0.786	14.23	-13.217	1.405		
-1.681		0.764	16.605	-18.428	1.449	-0.769	
-1.621		0.821	13.974	-16.323	1.423		
-1.616		0.851	14.044	-16.435	1.42		0.024
-1.622		0.846	14.235	-16.626	1.434		
-1.873			13.014	-14.428	1.556		
-1.666		0.731	16.423	-17.386	1.194	-1.983	0.63
-1.603		1.136	18.4	-18.594	0.809	-4.066	1.962
-1.663		0.738	16.608	-17.923	1.326	-1.302	
-1.723	2.683	0.742	15.921	-15.295	1.429	-0.526	
-1.826			13.428	-14.434	1.508		-0.978
-1.687	3.539	0.788	13.996	-12.888	1.385		
-1.694	3.563	0.797	14.325	-13.227	1.406		
-1.688	3.465	0.79	14.045	-13.027	1.391		0.029
-1.69		0.703	16.384	-18.076	1.436	-0.839	
-1.95			15.791	-17.705	1.842		
-1.948	11.319		9.582		1.179		
-1.657		0.747	14.404	-16.729	1.481		
-1.618		0.871	13.607	-16.145	1.406		0.4
-1.63		0.802	14.15	-16.478	1.44		-0.044
-1.914	14.702	0.475	12.461		1.135		
-1.659	-47.768		18.347	-62.696	0.794	-12.626	16.492
-1.703		0.753	15.965	-16.984	1.1	-2.613	2.064
-1.919			13.013	-15.491	1.852	1.021	
-1.574	-13.767	0.944	17.995	-30.842	0.667	-6.916	6.645
-1.934		-0.098	14.024	-15.535	1.689		
-1.884			12.346	-13.96	1.547		0.544
-1.894	1.573		12.949	-12.854	1.531		
-1.602	13.887	1.298	11.079		0.796		
-1.886			15.932	-17.327	1.75		-1.088
-1.442	-20.991	1.009	16.563	-34.855		-10.141	10.22
-1.677	0.632	0.727	16.292	-16.727	1.205	-1.859	0.593
-1.66	19.056	1.391	16.86		0.957		-3.249
-1.917	4.542		13.809	-10.541	1.495		-0.881
-1.603		0.956	18.077	-18.89	1.146	-2.194	
-1.845	10.702	0.229	9.151		0.995		
-1.535	-53.253		12.792	-63.351	0.76	-11.591	17.749
-1.785	12.608	0.589	10.47		1.007		
-1.62		1.116	17.757	-18.085	0.793	-4.117	2.54
-1.781	12.677	0.659	9.624		1.164	1.031	
-1.703	2.354	0.72	16.08	-15.271	1.32	-1.072	
-1.871			16.727	-16.657	1.33	-2.238	
-1.86			14.016	-15.871	1.8	0.988	-1.463
-1.613	0.973	1.143	18.134	-17.494	0.808	-3.916	1.942
-1.749			10.727	-10.596	0.995	-1.371	
-1.721			7.375	-8.518	1.16		

-1.475		1.333	17.253	-15.679		-6.739	3.656
-2.031	13.727		11.925		1.284		-0.315
-1.785	12.358	0.604	10.087		0.994		0.404
-1.724	2.489	0.721	15.912	-15.415	1.428	-0.573	
-1.641	5.509	0.976	13.417	-10.489	1.243		
-2.015	13.027		11.159		1.26		
-2.026	17.004		16.414		1.275		-3.943
-1.668	3.953	0.869	13.718	-12.315	1.339		0.159
-1.832		-0.008	13.561	-14.569	1.521		-0.998
-1.979	12.319		11.046		1.107	-0.542	
-1.694	3.849	0.771	14.296	-12.807	1.395		-0.206
-1.886	8.041		9.031	-2.57	1.182		
-1.762	9.492	0.367	8.228		0.76		
-1.726	-67.054	-0.599	16.973	-79.683	0.96	-15.056	21.983
-1.637	6.844	1.202	18.095	-12.206	0.907	-2.52	
-1.962			15.075	-17.197	1.833		0.566
-1.947			15.88	-17.699	1.819	-0.108	
-1.955	0.373		15.747	-17.299	1.834		
-1.474	-56.897		16.435	-67.636		-16.292	20.365
-1.961	11.64		9.842		1.203		
-1.579	-32.659	0.495	17.787	-48.138	0.675	-10.089	12.109
-1.661		0.756	13.687	-16.182	1.46		0.491
-1.614	15.502	1.414	13.738		0.566	-1.59	
-1.906	13.973	0.409	11.848		1.128		
-1.65		0.24	7.319	-8.356	1.009		
-1.86	16.86	0.518	13.235		1.752	3.639	-4.832
-1.637	12.592	1.146	9.661		0.808		1.025
-1.972	4.112		16.197	-13.719	1.738		-0.992
-1.885	9.729		8.289		0.965		
-1.929	0.79		12.971	-14.672	1.834	1.003	
-1.423	-35.008	0.697	16.26	-47.556		-12.356	14.072
-1.919		-0.004	13.022	-15.484	1.85	1.004	
-1.917			12.903	-15.387	1.845	1.012	0.051
-1.774	-11.666		8.835	-22.645	1.663		3.312
-1.972	5.197		14.562	-11.794	1.871	1.298	-1.494
-1.86	5.482		11.225	-6.165	1.048	-1.101	
-2.036	15.766		14.586		1.32		-2.343
-1.946		-0.098	13.339	-15.057	1.681		0.558
-1.777	6.951	0.238	8.581	-3.012	1.005		
-1.854	14.026	0.248	13.462		1.017		-3.102
-1.939	0.893	-0.084	13.87	-14.513	1.658		
-1.392	-60.708		11.362	-67.202		-15.049	21.215
-1.885	0.034		12.365	-13.949	1.548		0.545
-1.833	14.243	0.486	12.546		1.093		-1.363
-1.495		1.325	15.795	-14.651		-6.599	4.691
-1.887			16.319	-17.389	1.67	-0.506	-0.869
-1.647	14.826	1.277	16.344	-3.764	1.064		-2.534
-1.948	3.522		16.788	-13.553	1.359	-2.025	

-1.898	11.865	0.185	10.256		1.075		-0.142
-1.66	19.089	1.419	17.129		0.878	-0.462	-2.944
-1.915	4.551	0.001	13.766	-10.489	1.492		-0.875
-1.871	11.211	0.206	9.61		1.033		
-1.825	10.367	0.258	8.711		0.993	0.148	
-1.746			8.536	-9.945	1.293		
-1.755	13.076	0.796	9.666		1.175	1.297	
-1.771	12.432	0.627	9.924		1.06	0.431	
-2.109	19.491		17.73		1.669	1.373	-4.978
-1.825		0.091	13.253	-15.371	1.789	1.318	-1.479
-1.491	2.021	1.364	16.612	-13.349		-6.369	3.603
-1.779	12.607	0.658	9.599		1.151	0.973	0.03
-2.099	18.565		17.534		1.426		-3.719
-2.033	13.585		11.406		1.275		
-2.045	14.166		11.975		1.39	0.425	-0.482
-1.736		0.033	10.439	-10.396	0.987	-1.26	
-1.524	15.57	1.545	15.755			-3.93	
-2.02	13.464		11.724		1.262		-0.324
-2.052	18.586		16.304	1.584	1.27		-3.887
-1.715	8.565	0.449	6.878		0.79	0.518	
-2.003	12.815		11.164		1.206	-0.202	
-1.905	7.675		9.949	-4.061	1.298		
-2	12.694		10.888		1.233		
-1.996	12.81		11.444		1.143	-0.545	
-1.806	11.696	0.35	8.64	1.672	0.775		
-1.724	8.605	0.396	7.404		0.712		
-1.929	-15.453	-0.32	11.377	-29.391	2.137		4.022
-1.972			15.927	-17.4	1.671	-1.076	1.12
-1.929	-3.608		14.487	-20.381	1.895		1.301
-1.761	9.47	0.368	8.209		0.758		0.001
-1.801	-15.475		10.206	-28.436	1.955		4.176
-1.923	11.043		10.213		0.865	-0.705	
-1.841	16.072	0.56	12.735		1.583	2.674	-3.534
-1.953	0.356		15.877	-17.345	1.813	-0.119	
-1.98	14.42		9.284	3.438	0.99		
-1.956	11.942		10.46		1.048		-0.297
-1.619	12.778	1.262	10.489		0.579	-1.214	1.691
-1.516	11.443	1.435	10.679			-3.547	3.005
-1.55		0.495	13.31	-10.877		-5.564	2.357
-1.823	-9.335		11.72	-24.751	2.377	2.621	
-1.868	12.726	0.391	9.281		1.435	2.177	-0.858
-1.858	16.862	0.52	13.232		1.752	3.654	-4.852
-1.859	16.863	0.519	13.212	0.022	1.751	3.646	-4.834
-1.902	13.848	0.185	12.854		1.11		-2.147
-1.885			7.226	-11.693	2.11	3.818	
-1.901	5.544	0.167	12.978	-10.302	1.812	1.854	-1.477
-2.1	17.818		15.711		1.639	1.135	-3.291
-1.808	-10.982		9.408	-23.196	1.891	0.794	2.786

-1.902	10.217		8.746		0.982		
-1.977	4.286		16.131	-13.617	1.774	0.19	-1.076
-1.938	1.868		13.383	-13.995	1.846	1.088	-0.385
-1.922	0.793	0.009	12.866	-14.549	1.819	0.998	
-1.773	11.284	0.579	7.696		1.274	2.659	-0.927
-1.923		-0.008	13.031	-15.497	1.852	0.989	0.039
-1.813	5.739	0.113	10.174	-5.177	1.013	-0.699	
-1.715	7.72		9.992			-3.453	
-1.426	-64.79	-0.171	12.422	-71.717		-16.197	22.477
-2.097	15.42		13.872		1.194	-0.801	
-1.952	-3.315	-0.159	13.225	-18.436	1.802		1.248
-1.848			9.768	-13.717	2.257	4.335	-2.72
-1.868	15.183	0.25	13.228	1.302	1.002		-3.009
-2.042	15.953		14.743		1.333		-2.365
-1.847	11.141	0.32	8.508		1.197	1.111	
-1.582		0.609	12.303	-10.597		-5.804	4.326
-1.752	12.335	0.495	6.391	3.611	0.841	1.016	
-2.039	14.579		14.81		0.83	-2.804	
-1.658	-11.807		11.133	-23.755	1.611		
-2.084	15.047		12.889		1.321		-0.231
-2.035	13.875		10.853		1.602	1.891	-1.184
-1.736			15.658	-11.884		-7.081	2.452
-1.522	14.312	1.525	14.187			-3.854	0.993
-1.763	12.025	0.395	7.285	3.376	0.685		
-2.125	20.491		17.632	1.049	1.659	1.347	-4.922
-2.113	19.401		17.767		1.625	1.038	-4.633
-2.1	17.777		17.97	-1.256	1.473		-3.719
-2.018	-21.786	-0.68	12.588	-35.545	2.029	-2.289	6.436
-1.853	-5.453		9.99	-19.215	2.209	2.92	
-1.772	10.302		12.981			-4.508	
-2.036	13.679		11.496		1.278		
-2.034	13.7		11.395	0.127	1.272		
-1.851	9.494		9.901		0.568	-1.862	
-1.521	14.857	1.534	16.238	-1.029		-4.13	
-1.786	11.799	0.375	7.846	2.537	0.725		0.142
-1.718	8.656	0.456	6.87		0.809	0.619	
-2.007	12.892		11.238		1.209	-0.21	
-1.834	9.559		11.846			-5.157	2.074
-1.9	-15.814	-0.242	11.24	-29.715	2.12		4.131
-1.723	6.775		8.56			-3.302	1.131
-1.698	8.065		10.286			-3.404	
-1.868			18.497	-16.273	0.696	-5.623	1.596
-1.972	13.625		10.272	2.173	0.913	-0.492	
-2.113	10.474		18.181	-8.602	1.366	-1.856	
-1.711	6.978		8.874			-3.519	1.248
-1.635	8.203	0.432	9.349			-3.693	1.904
-1.994	14.226		10.327	2.259	1.036		-0.187
-1.776	-7.326	0.169	10.325	-21.501	2.214	2.812	

-1.69		0.544	5.536	-10.834	1.99	4.311	
-1.884			17.973	-17.853	1.268	-2.466	
-1.929	11.239		10.312		0.894	-0.601	-0.052
-1.972	14.603		8.855	4.047	0.971		
-1.892			8.742	-13.265	2.279	4.303	-1.219
-2.072	17.382		14.238		1.911	3.105	-4.416
-2.054	14.069		13.826		0.849	-2.618	0.91
-1.617		0.364	6.273	-7.072	0.778		
-1.558	0.514	0.491	13.253	-10.354		-5.505	2.336
-1.696			5.925	-6.829	0.941		
-1.789	13.566	0.592	7.198	2.603	1.239	2.69	-0.783
-2.03	9.701		18.16	-7.776	0.989	-3.527	
-1.762	11.286		9.756	3.526		-3.354	
-1.641	7.075	0.192	8.791			-2.746	
-1.956		-0.168	7.778	-12.212	2.214	3.847	
-1.662		0.575	7.23	-12.256	2.108	4.734	-1.92
-1.848	20.702	0.636	13.312	3.494	1.734	4.25	-5.951
-1.608			9.046	-6.485		-3.839	1.146
-1.706	8.805		11.297			-3.361	-0.907
-1.819			17.981	-16.332	0.887	-4.086	
-1.637	9.361	0.316	11.152			-3.435	
-1.688			14.09	-10.618		-6.215	2.075
-1.926	10.572		5.073		2.172	6.389	-3.058
-1.886	2.283		9.291	-11.524	2.348	5.045	-2.977
-1.58	-7.457		5.461	-13.644	1.18		
-1.668	-9.623		10.098	-20.382	1.461		
-1.848		-0.002	9.744	-13.678	2.252	4.319	-2.712
-1.755			9.13	-10.752	1.304		
-2.037	7.284		18.62	-10.39	0.929	-4.384	1.183
-1.792	3.83		15.071	-7.903		-6.617	2.364
-1.61			2.666	-2.806	0.683		
-1.482	3.469	0.819			0.926	2.849	
-1.752	12.347	0.497	6.385	3.603	0.846	1.042	
-2.078	13.27		13.844	-2.748	1.42		-0.349
-1.66	-11.872	-0.005	11.193	-23.879	1.616		
-1.775			15.945	-12.228		-7.486	3.22
-1.911	13.25		9.856	3.498	0.579	-1.756	
-1.632	6.065	0.241	7.237			-2.468	1.004
-1.612			14.231	-10.594		-5.244	
-1.949	-5.869	-0.244	10.967	-20.471	2.356	2.864	
-2.133	21.899		17.318	2.457	1.726	1.973	-5.503
-1.796	10.171		12.784			-4.81	0.644
-1.757	8.938		13.634	-1.811		-4.738	
-1.581			10.354	-7.506		-3.637	
-1.76	10.026		12.646			-4.373	
-1.71			8.564	-8.383	0.758	-1.115	
-1.778	8.546		10.685			-4.538	1.773
-2.036	13.667		11.486	-0.003	1.279		

-1.589			8.498	-5.787		-3.488	
-1.529	-6.709	0.256	5.749	-13.148	1.042		
-1.76	9.517		8.199	2.832		-3.206	1.246
-1.602	-9.757		8.837	-19.117	1.393		-0.612
-1.712	10.629		11.589			-1.867	
-1.535	7.741	0.489	7.245				
-1.618			7.098	-4.846		-3.484	1.207
-1.663	7.702	0.107	9.663			-3.073	
-1.68	4.894		9.141	-2.129		-3.627	1.188
-1.705	7.586		9.707			-3.49	0.504
-1.667	10.566	0.224	8.233	3.658		-2.498	
-1.752			13.704	-10.597		-6.656	3.757
-1.487	3.61	0.74			1.042	2.903	
-1.701	8.273		10.191	0.294		-3.408	
-1.884			18.582	-16.325	0.674	-5.877	1.982
-1.535	3.604	0.673			1.067	2.841	
-1.671	6.618	0.092	8.255			-3.155	1.184
-1.599	-4.136		4.238	-8.828	0.951		
-1.958	13.365		9.997	2.283	0.875	-0.59	0.072
-1.693		0.551	6.437	-11.804	2.103	4.639	-0.773
-1.513		0.326	13.372	-10.534		-4.428	
-1.56	10.395	0.754		6.178	0.996	3.264	
-1.972		-0.202	9.502	-13.943	2.405	4.345	-1.337
-1.635	8.323	0.419	9.555			-3.683	1.686
-1.722			7.677	-8.502	1.011		-0.302
-1.612	1.802		1.821		0.547		
-1.509		0.579	1.975	-4.686	1.071	1.983	
-1.631			8.052	-5.905		-3.851	2.273
-1.955	12.888		6.994		2.475	7.74	-5.54
-1.661	-2.448	0.46	8.274	-14.898	2.034	3.873	-1.804
-1.749	12.109		10.971	3.367		-3.281	-0.869
-1.54	4.76	0.809			1.318	4.181	-0.506
-1.842	-9.749	-0.46	11.546	-21.767	1.706		
-1.6		0.377	5.711	-6.491	0.74		
-1.642	8.024	0.172	9.991			-2.767	-0.733
-1.638	1.941				1.022	1.529	
-1.618		0.359	6.356	-7.12	0.774	-0.037	
-1.617		0.364	6.278	-7.077	0.778		0
-1.705			6.348	-7.26	0.959		
-1.556			1.694			-3.134	1.888
-1.826	6.421		2.351		1.552	3.821	
-1.804			12.143	-13.725	1.451		-0.455
-1.614	7.202	0.327	12.326	-2.991		-3.84	
-1.53	4.614	0.85			1.202	3.915	
-1.599			13.27	-10.853		-2.992	
-1.626		-0.064	9.481	-6.738		-4.061	1.162
-1.709	-7.539		10.33	-20.624	2.091	2.449	-1.75
-1.723	2.271		13.823	-8.326		-5.987	2.045

-1.566		0.441		-3.13	1.208	2.369	
-1.987	10.998	-0.156	5.563		2.261	6.501	-3.314
-1.637			3.827	-3.9	0.727		
-1.617			2.164	-2.961	0.83	0.523	
-1.618	9.564	0.329	9.922			-1.109	
-1.571	-8.396		6.148	-14.897	1.138	-0.351	
-1.917	2.595	-0.077	9.542	-11.467	2.4	5.147	-3.127
-1.626	-6.503		7.795	-14.546	1.183		-0.643
-1.788			10.57	-12.277	1.387		
-1.505	2.638	0.739		-0.818	1.004	2.791	
-1.544					0.409		
-1.703	11.1		12.082			-1.916	
-1.625			3.665	-3.661	0.713		-0.241
-1.701	-5.646			-8.418	1.097		5.371
-1.499	3.317	0.768	-0.301		1.001	2.953	
-1.595			13.208	-9.836		-4.688	
-1.522	11.75	0.538	4.448	6.542			
-1.658			8.16	-6.783	0.434	-2.29	
-1.652	9.319	0.284	6.503	3.524		-2.157	1.1
-1.488	5.668	0.519	5.218				
-1.521		0.639	1.347	-4.038	0.974	2.06	
-1.878			5.884	-12.924	2.75	5.799	
-1.616		-0.029	2.604	-2.739	0.69		
-1.493	3.322	0.773			0.913	2.734	
-1.793	4.042		15.138	-7.746		-6.593	2.272
-1.583	0.426				0.611		0.51
-1.554	5.156	0.766			1.426	4.328	
-1.58				-0.474	0.634		0.54
-1.694			9.808	-10.027	1.066		-2.019
-1.535	3.725	0.619			1.154	2.9	
-1.496	5.542	0.525	4.966				0.372
-1.469	9.059	0.554		7.943			1.236
-1.571					0.401		
-1.664	7.807		9.046			-1.663	
-1.509	1.08	0.43			0.508		1.028
-1.549					0.309		0.416
-1.559	-8.346	0.183	7.783	-16.706	1.219		-0.382
-1.526	10.873	0.553	3.671	6.226			0.709
-1.436		0.41				-0.922	1.386
-1.676			7.582	-6.647	0.484	-2.041	0.548
-1.624	2.014		1.053		0.762	0.785	
-1.566	11.245	0.485	7.604	2.989			
-1.538	4.74	0.736			1.376	4.08	-0.449
-1.548	2.937	0.467			1.026	2.355	
-1.463	21.278	1.605	6.238	12.5			
-1.526	-4.266	0.376	4.347	-10.105	1.063	0.78	
-1.534			1.737			-3.216	1.961
-1.651				-1.24	0.681		2.687

-1.782	9.551		12.017			-4.628	0.888
-1.699	9.153		10.212			-1.749	
-1.566					0.476	-0.387	0.632
-1.558		0.115	7.849	-5.477		-3.091	
-1.739	8.313		13.326	-2.168		-4.593	
-1.511	4.397	0.815			1.213	3.397	
-1.617				-3.171	1.421	2.317	
-1.593		-0.046	10.682	-7.699		-3.794	
-1.593	6.981		6.568				
-1.491							0.572
-1.579		0.33		-3.287	1.345	2.434	
-1.59						-2.457	4.952
-1.604	1.154				0.723		0.913
-1.599			8.085	-5.48		-3.517	0.337
-1.573		0.166	6.281	-4.468		-2.946	1.153
-1.609		0.323	8.163	-8.501	0.855		-1.388
-1.565					0.406	-1.243	1.383
-1.548	-5.681	0.204	5.264	-11.546	0.992		
-1.514	2.683	0.645		-0.923	1.134	2.847	
-1.612			11.549	-9.464		-2.592	
-1.855		-0.618	5.544	-5.353	1.019		
-1.534	7.561	0.487		6.23	0.349		1.202
-1.567	32.001	1.523	11.832	18.88			-4.645
-1.697	8.593		11.828	-1.997		-2.084	
-1.531	7.841	0.467	7.344				
-1.711		-0.551			0.799		
-1.575					0.334		0.317
-1.602					0.566		
-1.569			-0.458		0.572		0.618
-1.716	3.514				1.428	2.962	
-1.467		0.555	14.262	-11.631		-4.618	
-1.555	6.463	0.93	0.786		1.523	5.26	-1.022
-1.615					0.725		
-1.519							0.491
-1.635	0.912				0.599		2.063
-1.504		0.416		-1.017	0.524		0.993
-1.668	11.387	0.204	9.378	3.583		-2.528	-0.693
-1.535	1.585		2.042				
-1.763			13.279	-14.224	1.42		-1.865
-1.523				1.164		-2.495	1.889
-1.698				-2.446	0.927		4.109
-1.535	7.722	0.488	7.23				
-1.662	8.953	0.152	9.033	1.608		-2.828	
-1.636				-2.296	1.219	1.684	
-1.513		0.557		-2.452	0.893	1.683	0.34
-1.65	4.861		13.147	-6.401		-2.643	
-1.641	1.607	-0.14	1.63		0.6		
-1.568					0.457		0.309

-1.664	7.32	0.102	9.191			-3.104	0.353
-1.571	0.264				0.632		
-1.497	3.516	0.713	-0.176		1.081	2.963	
-1.67	27.434	0.644	9.896	17.801			-5.02
-1.546	4.033	0.708			1.152	3.261	
-1.69	5.994		9.55	-1.396		-3.582	0.827
-1.667	4.919	0.039	8.856	-1.949		-3.462	1.167
-1.593				-1.082	0.732		0.876
-1.507		0.212	1.189			-2.489	1.758
-1.634	3.087			1.587	0.844	1.269	
-1.54	3.903	0.697			1.139	3.176	-0.127
-1.595	-4.76		4.636	-9.686	0.945	-0.169	
-1.539		0.418	2.112	-4.183	0.978	1.494	
-1.567				-0.272	0.633		
-1.81			7.321	-13.475	2.733	5.892	-2.502
-1.566	10.617	0.734		6.501	0.968	3.194	
-1.608	1.632		1.592		0.551		0.074
-1.563	10.475	0.765		6.122	1.025	3.401	
-1.56	10.473	0.759		6.257	0.989	3.265	
-1.56	10.406	0.758		6.14	1.009	3.322	-0.023
-1.516		0.517		-2.448	0.953	1.774	
-1.564					0.519		
-1.672		-0.104	8.881	-6.429		-4.278	2.411
-1.612	1.791		1.809		0.547		
-1.604		0.304	6.464	-6.475	0.604	-0.801	
-1.575	5.591			6.144			
-1.541	5.922	0.872		0.687	1.395	4.709	-0.69
-1.596		0.484		-3.815	1.146	2.047	2.737
-1.529		0.644		-4.088	1.396	3.068	
-1.998	13.193	-0.111	7.339		2.536	7.815	-5.689
-1.533	4.974	0.85			1.356	4.368	-0.537
-1.532		0.58		-3.177	1.122	2.504	
-1.482			2.069			-2.694	
-1.539	4.742	0.804			1.322	4.177	-0.556
-1.594			11.376	-9.098		-2.639	
-1.616	-4.287	0.246		-6.705	0.872		4.677
-1.492						-0.822	1.251
-1.51	-1.181					-2.423	1.832
-1.587	1.221				0.779		0.974
-1.632	1.765				0.973	1.425	
-1.557					0.533	-0.188	
-1.652	2.258				1.114	1.852	-0.116
-1.628	10.079	0.261	10.576			-1.297	
-1.543			2.299		-0.195	-3.755	2.049
-1.754		-0.424	5.289	-4.847	0.898		-0.85
-1.686		-0.375			0.821		
-1.493		0.323			0.249	-1.152	1.43
-1.551	13.999	0.601	3.827	9.277			

-1.656			2.748	-3.321	0.727		1.218
-1.617		0.355	6.323	-7.029	0.757	-0.107	0.033
-1.636	13.2			12.9			
-1.478		0.845	1.358	-4.997	1.146	2.756	
-1.564	0.793				0.731		
-1.554			1.715			-3.263	1.988
-1.56			1.635			-3.132	2.042
-1.69	2.243				0.845		3.447
-1.69	13.437		4.647	8.465			
-1.813	6.379	0.036	2.292		1.536	3.822	
-1.582			1.086			-3.288	3.866
-1.594		0.333		-2.143	0.69		3.732
-1.556			-0.199		0.559		
-1.576				-1.162	0.8		0.943
-1.613		-0.064	13.687	-11.107		-3.18	
-1.533	4.194	0.818		-0.289	1.199	3.777	
-1.527	4.705	0.869			1.215	3.991	
-1.531	4.583	0.846	-0.021		1.202	3.903	
-1.512		0.468		-2.47	0.973	1.598	0.408
-1.427		0.363					
-1.505	1.136	0.378			0.573		1.052
-1.483		0.241					0.56
-1.567		0.663	2.987	-6.402	1.278	2.961	-0.633
-1.545					0.434	-1.292	1.451
-1.72				-2.839	1.102	1.237	3.025
-1.481		0.384				-1.394	2.485
-1.668	3.233				1.302	2.286	
-1.741	3.257				1.21	2.259	1.675
-1.582					0.515	0.279	
-1.69	-3.635			-5.885	0.947		4.516
-1.579	1.977	0.373			0.6		3.206
-1.464	1.5	0.581			0.537		1.336
-1.693	-9.933			-12.865	1.219		6.122
-1.557				-0.747	0.732		
-1.52		0.257				-2.069	4.043
-1.412	0.65	0.507					1.052
-1.525		0.524		-3.366	1.233	2.626	
-1.563	4.131		4.22				
-1.473	2.737	0.851			0.475		3.94
-1.762	7.007			3.274	1.343	3.467	
-1.605	4.52	0.523			1.398	3.8	
-1.585		-0.153			0.501		
-1.663			9.409	-8.322	0.638	-1.632	-1.065
-1.466	6.28	0.595	5.665				
-1.491	2.427	0.808		-1.437	1.102	3.075	
-1.52			2.538	-2.111			
-1.622	9.26	0.307	9.683			-1.129	
-1.437	9.598	0.484		8.924			

-1.49	6.868	0.492	6.71				-0.912
-1.618	9.746	0.333	9.875	0.196		-1.079	
-1.676	-6.97			-8.964	0.881	-0.91	5.919
-1.663	-6.129	-0.123	8.023	-14.258	1.211		-0.797
-1.767	4.228				1.575	4.056	
-1.613				-2.744	1.155	2.101	
-1.649	6.871			5.462	0.613		1.074
-1.615		-0.255			0.488		0.29
-1.612				-1.508	0.957	1.258	
-1.507	1.988	0.724	0.394	-1.653	0.986	2.597	
-1.405		0.483				-1.373	1.801
-1.519		0.189			0.294		
-1.604					0.232	-2.312	4.127
-1.777	10.108			6.054	1.433	4.412	-1.401
-1.523	12.598	0.518	5.566	6.501			-0.71
-1.618			-1.2		0.602		2.557
-1.59	5.185		5.043				
-1.442		0.942		-3.018	0.531		4.523
-1.544					0.427		-0.067
-1.557	6.683	0.87	0.887		1.618	5.307	-1.032
-1.488	0.719	0.352			0.576		
-1.588					0.374	-0.716	1.799
-1.463	5.883	0.631	5.035				0.575
-1.49	7.736	0.463		7.194		-0.75	1.496
-1.492	10.486	0.596		9.284			1.258
-1.694	19.24		7.392	12.672			-3.529
-1.545		0.653	1.852	-4.91	1.088	2.411	
-1.58	7.295		6.875				
-1.465		0.304		0.578		-1.724	1.663
-1.539	12.08	0.499	4.135	7.237			
-1.647	11.136		3.941	7.102			
-1.627				-1.684	0.93	1.32	
-1.639	11.742		7.114	3.993			
-1.624	1.208				0.717	1.056	
-1.499		0.358		-1.085	0.601		1.021
-1.594					0.609		
-1.564	4.776	0.684			1.382	3.911	
-1.487	5.797	0.506	5.345				
-1.495	3.375	0.786	-0.33		1.014	3.021	
-1.525					0.52	-0.691	
-1.523			1.142			-1.105	0.594
-1.683				-1.81	0.786		3.472
-1.555						-1.56	2.918
-1.491							
-1.586			0.29		0.48		
-1.587	0.593				0.649		0.606
-1.528	1.311	0.456			0.486		1.689
-1.552	5.553	0.81	0.244		1.439	4.491	

-1.644	12.281			11.749			0.683
-1.603	12.03	0.378	6.382	5.139			
-1.554						-0.783	2.735
-1.878			6.405	-13.472	2.816	5.992	-0.482
-1.482		0.41	-0.994		0.454		1.13
-1.595				-1.044	0.802	0.517	0.402
-1.66	3.51				1.419	2.499	
-1.528	-10.261			-9.356		-3.683	6.602
-1.618	4.652			4.88	0.376		
-1.587	1.09			0.753	0.565		0.458
-1.567	2.665	0.317	0.678		0.858	1.608	
-1.565			-1.04		0.644		1.016
-1.508	9.932	0.473		8.968			1.096
-1.574	5.569			6.128		-2.089	1.878
-1.559	4.616	0.722		-0.38	1.424	4.158	
-1.569	0.452	0.062			0.586		0.546
-1.572					0.494		-0.331
-1.425		0.389				-0.929	1.405
-1.491	5.616	0.505	5.04				0.373
-1.559					0.364		
-1.553	5.15	0.774			1.406	4.28	0.146
-1.558		0.093		-0.522	0.6		0.599
-1.495	13.343	0.599		12.446			
-1.674		-0.671	2.659			-1.928	
-1.536			1.672			-2.732	1.587
-1.579			-0.108		0.48		
-1.566	3.961	0.548			1.272	3.371	-0.32
-1.48	8.841	0.567		7.6			1.612
-1.503	7.74	0.42		6.824	0.389		
-1.581				-0.532	0.647		0.575
-1.581				-0.093	0.475		
-1.453	-0.426	0.334				-1.48	1.569
-1.461		0.502				-2.468	3.856
-1.677	1.595				0.711		2.959
-1.581	0.075				0.461		
-1.484		0.343		-0.677	0.578		
-1.529		0.413		-2.636	1.095	1.872	
-1.694	7.494	-0.14	9.054			-1.923	
-1.538	3.926	0.635			1.202	3.127	-0.086
-1.576					0.431	-0.048	
-1.539	3.62	0.594			1.14	2.825	
-1.539	11.73	0.58	3.406	7.279			0.764
-1.409		0.493		-0.598			1.027
-1.456		0.569		-1.443	0.568		1.303
-1.477		0.13					0.592
-1.657	6.653		9.785	-1.689		-1.897	
-1.537	11.56	0.32		11.123			
-1.504		0.136	1.406			-2.789	1.865

-1.636		-0.169			0.599		
-1.503				1.14		-2.473	1.916
-1.608			0.582	-3.563	1.363	2.165	
-1.577	-0.48					-2.852	4.599
-1.551	7.848	0.974	1.706		1.764	6.198	-2.563
-1.384		0.609	-0.597				1.082
-1.512				1.005		-1.149	0.851
-1.581				0.411		-2.769	4.535
-1.529	10.983	0.547	3.642	6.37			0.707
-1.559	10.763	0.476	7.57	2.563			
-1.552	3.132	0.438		0.357	0.985	2.243	
-1.527			2.071		-0.108	-3.558	2.047
-1.571	5.875		5.496				
-1.514			0.289				
-1.539	4.854	0.743		0.058	1.387	4.138	-0.467
-1.59			-0.245		0.474		0.413
-1.507				0.265			
-1.549	1.501		2.458			-0.484	
-1.6	7.097			6.102	0.596		
-1.505							0.778
-1.437		0.602	-0.913		0.378		1.101
-1.514							0.525
-1.613					0.579		
-1.593				-0.195	0.467		0.353
-1.663		-0.039		-1.243	0.698		2.722
-1.626				-3.171	1.441	2.28	
-1.526	-4.271	0.379	4.347	-10.119	1.065	0.786	
-1.586						-2.099	4.536
-1.638				-2.846	1.296	2.025	
-1.705	10.106		9.568	1.43		-1.552	
-1.567		0.133	7.247	-5.063		-3.078	0.457
-1.541	-3.482			-4.476	0.871		0.847
-1.565					0.471	-0.533	0.762
-1.582		0.145	10.836	-9.08		-2.214	
-1.592	0.158				0.445		0.337
-1.636				-3.492	1.527	2.594	
-1.48		0.731		-3.328	1.066	2.335	0.324
-1.594				0.233	0.544		
-1.487						-0.08	0.633
-1.565			0.127		0.443	-0.481	0.628
-1.546	3.89			4.225			0.248
-1.574		-0.031			0.493	-0.376	0.61
-1.542			3.292	-2.084		-0.76	
-1.5	-1.094					-1.36	0.994
-1.761	2.386	-0.463	2.642		0.706		
-1.581					0.348	-1.481	2.031
-1.513			1.356			-1.083	
-1.522	-13.302		3.446	-14.953		-4.287	5.973

-1.392		0.446					
-1.496	3.888	0.79			1.081	2.764	0.279
-1.554	3.449		1.239	2.712			
-1.685	7.658			5.732	0.822	1.531	
-1.682	14.494		2.737	11.312			
-1.62	-0.295			-3.444	1.435	2.285	
-1.594	-0.218				0.564		
-1.602	5.192	-0.21		5.807			
-1.496			0.064				0.526
-1.605	0.985				0.682		0.812
-1.519	4.665	0.834			1.268	3.666	
-1.523				0.131			0.421
-1.574	4.634	0.873	2.017	-2.666	1.549	4.916	-1.125
-1.584	6.405		5.976				0.094
-1.532			-0.648		0.645		
-1.619	1.299				0.723		1.287
-1.525			0.152				0.387
-1.545	4.168			4.605			
-1.617				-3.174	1.422	2.32	-0.001
-1.724	0.14	-0.532			0.914		
-1.489	-1.191					-2.452	1.882
-1.69	3.643	-0.358		3.842	0.536		
-1.49							0.568
-1.501	-0.237						
-1.535	6.52	0.363	6.231				
-1.855		-0.572	4.714	-4.874	1.004		0.791
-1.73				-3.97	1.649	3.882	
-1.494				0.034			0.552
-1.524			0.658				
-1.583	2.091			2.024	0.499		
-1.546	7.395	0.501		5.919	0.341		1.643
-1.585					0.387	-0.125	0.375
-1.587	0.644				0.586	-0.557	1.125
-1.492	-0.009						0.567
-1.52	-0.107						0.439
-1.404		0.483	-0.623				1.113
-1.527		0.919	3.325	-8.058	1.561	3.997	-0.762
-1.58		0.321		-3.257	1.341	2.411	
-1.658	10.921			10.332	0.326		
-1.603				-1.444	0.959	0.974	
-1.569					0.408	-1.128	1.277
-1.614			12.378	-10.222		-2.751	
-1.549				0.974		-2.578	2.582
-1.52		0.437		-1.215	0.512		1.564
-1.449							
-1.48	-2.444	0.449		-3.315	0.55		0.912
-1.549		0.098			0.264		0.381
-1.559				0.215	0.339	-1.483	1.479

-1.615	0.11				0.651		
-1.608		0.344	8.088	-8.645	0.908	0.262	-1.492
-1.571			-0.294		0.548		0.494
-1.488		0.271			0.296	-1.206	1.471
-1.613		-0.173			0.57		0.23
-1.72		-0.543		-0.094	0.879		
-1.52	7.061	0.519		5.651	0.372		1.26
-1.593					0.504	0.084	
-1.532			0.481				
-1.733				-4.913	1.727	3.031	2.45
-1.53	6.917	0.469		5.598	0.379		1.189
-1.51			1.978			-2.373	
-1.594			0.096		0.486		
-1.702		-0.544	0.069		0.735		
-1.461							
-1.72	2.285	-0.377	2.664		0.666		-0.436
-1.611				-0.083	0.632		
-1.478		0.292	1.062			-2.679	2.05
-1.631	1.371		0.801		0.573		1.367
-1.718	3.736				1.556	4.099	-1.306
-1.474						-0.834	1.29
-1.715		-0.556			0.818	-0.02	
-1.577	3.259			3.765			
-1.468		0.503	-1.597		0.574	0.697	0.951
-1.572					0.323		0.328
-1.526							0.629
-1.51		0.474		-1.686	0.7	0.778	0.693
-1.554		0.065	-0.501		0.55		0.669
-1.619	12.57		4.564	7.283			
-1.519						0.06	0.45
-1.572	6.568	0.889	1.005		1.515	5.24	-1.116
-1.65		-0.316	0.235		0.606		
-1.671	0.921	-0.11			0.647		2.169
-1.643		-0.273			0.646	0.196	
-1.492		0.667		-3.312	1.137	2.421	
-1.564	5.472			5.68		0.331	
-1.521		0.576		-2.598	0.895	1.729	0.641
-1.657		-0.315	11.037	-8.137		-3.118	
-1.67	16.945	0.354	9.613	8.487		-1.688	-2.208
-1.527				1.168		-2.395	1.795
-1.437	16.005	1.474	3.539	9.645			2.001
-1.541	1.726		2.208				
-1.51		0.93	2.277	-6.854	1.406	3.588	
-1.634	5.58	0.092	12.462	-5.321		-2.305	
-1.538	1.672		2.158				-0.038
-1.533	1.612	0.018	2.064				
-1.608	11.18			11.093			
-1.596				-0.904	0.682		0.77

-1.555	0.785		1.231				
-1.692				-2.253	0.868	-0.211	4.182
-1.571					0.441		0.428
-1.506		0.723		-3.953	1.286	3.054	
-1.544	-0.949					-2.539	2.684
-1.695	-25.618	-0.786	7.055	-28.439		-8.147	9.737
-1.477							
-1.487			0.272				
-1.51		0.233	0.988			-2.396	2.093
-1.605				-1.207	0.735		1.204
-1.55	0.812				0.764		
-1.679	9.644			8.662	0.404		0.826
-1.612		-0.171			0.628		
-1.598	7.892			8.351			
-1.571	0.216				0.617		
-1.477	-2.285	0.361		-3.261	0.653		0.957
-1.656	2.298				1.052	1.701	
-1.578	0.542				0.65		
-1.574	0.262	-0.011			0.636		
-1.56	-4.112			-4.961	0.793		0.735
-1.555	9.392			8.402			1.093
-1.546	3.816	0.691			1.084	2.965	0.247
-1.467		0.276			0.397	-0.613	
-1.599	-7.184		3.929	-11.674	1.008		
-1.607	10.012			9.784			0.535
-1.612			1.205	-1.161	0.483		
-1.506		0.2	1.341		-0.041	-2.651	1.798
-1.568				-0.173	0.604		
-1.389		0.626		-0.524			0.967
-1.547			-1.086		0.685		1.071
-1.621	-1.384			-4.064	1.266	1.952	
-1.661		-0.347		0.2	0.657		
-1.456		0.128	1.736			-2.312	
-1.499						0.207	
-1.589	3.664	0.544			1.003	2.061	2.096
-1.739	12.15			9.76	0.751	1.794	
-1.434		0.503	-0.979		0.461		1.137
-1.569		-0.007		-0.27	0.636		
-1.463		0.359				-0.208	0.735
-1.622	13.936			14.003			-0.867
-1.661	-0.185	-0.348			0.675		
-1.464		0.391			0.21	-1.439	1.723
-1.42		0.304					
-1.602		0.422		-3.284	0.997	1.349	3.166
-1.612	4.02			2.687	0.714		1.041
-1.653	10.87	0.803	4.643		2.101	7.643	-5.556
-1.405		0.318					
-1.621	11.812			11.992		-0.575	

-1.536	6.347	0.876		1.035	1.436	4.891	-1.043
-1.572	10.901	0.742		6.598	1.013	3.434	-0.11
-1.517		0.537		-2.583	0.979	1.914	
-1.568	10.641	0.743		6.398	0.995	3.324	
-1.543				-0.775	0.775		
-1.563	10.256	0.754		6.037	0.982	3.213	0.173
-1.568	10.396	0.716		6.337	0.969	3.151	
-1.562	10.472	0.765		6.135	1.02	3.385	
-1.506		0.328			0.19	-1.375	2.06
-1.444		0.405	-0.27				0.789
-1.564					0.523	-0.018	
-1.564			-0.016		0.526		
-1.561	10.61	0.763		6.35	0.995	3.312	-0.015
-1.607	1.807				0.963	0.95	
-1.546			1.501	-1.069			
-1.55	6.294	0.854		1.068	1.389	4.765	-0.752
-1.685	13.725		3.103	10.121			0.311
-1.607	-1.716	0.385		-5.012	1.047	1.264	3.513
-1.621		0.378		-3.519	1.115	1.806	2.793
-1.552			0.397		0.429	-0.486	
-1.456	0.185	0.384					0.69
-1.465		0.332	-0.59		0.504		
-1.704	7.552			3.897	1.283	2.564	
-1.573				-0.484	0.636		
-1.525				0.719			
-1.491			1.766		0.095	-2.419	
-1.452		0.389		-0.205			0.71
-1.725		-0.694	1.739		0.415	-1.339	
-1.581	-5.45	0.377		-8.167	0.89		5.113
-1.534			2.581		-0.269	-4.287	2.337
-1.481				0.233			
-1.517	9.971			9.364			
-1.611	0.741		0.849		0.429		
-1.477			2.06			-2.679	
-1.564		0.662	4.215	-7.627	1.419	3.349	-1.801
-1.651	3.997	0.364			1.246	3.029	1.148
-1.532	4.931	0.843			1.352	4.34	-0.579
-1.628	9.874			10.141			
-1.435	0.927	0.539					1.792
-1.419		0.815		-1.312		-2.007	5.547
-1.504		0.38	-0.578		0.394		0.789
-1.494						-0.761	1.195
-1.556					0.499	-0.423	
-1.575		-0.069			0.567	-0.177	
-1.453		0.314					0.273
-1.511	-1.18					-2.388	1.801
-1.432	1.177	0.756				-1.845	4.952
-1.588			-0.75		0.703	0.873	

-1.601					0.288	-1.604	3.184
-1.542		0.149	0.738			-2.784	3.662
-1.59	1.297				0.799	0.083	0.943
-1.512		0.3		-0.245	0.428		
-1.62	-4.835	0.233		-7.288	0.898		4.789
-1.575			1.098			-2.879	3.348
-1.548			2.236		-0.194	-3.753	2.216
-1.663	6.491	0.38		2.121	1.348	3.882	
-1.533		0.593		-2.604	0.643		4.233
-1.415	7.082	0.878	6.04				
-1.626	11.787		4.615	6.33			0.45
-1.621	0.256				0.825		
-1.542		0.208			0.154	-2.051	3.684
-1.43		0.316					
-1.631	5.886			5.231	0.487		0.645
-1.514	0.206	0.293			0.403		
-1.509		0.282	-0.246		0.424		
-1.515		0.368		-0.467	0.393		0.641
-1.67	1.572				0.651	-0.77	3.837
-1.641				-3.356	1.406	2.695	-0.266
-1.593	15.431	0.316	6.303	9.251			-2.025
-1.562			1.607			-3.319	2.335
-1.535	-3.619			-4.207	0.785		
-1.54	3.218	0.8	0.705	-1.722	1.19	3.548	
-1.428		0.517	-0.525		0.428		
-1.476	-0.544	0.848	1.62	-5.768	1.163	2.695	
-1.43		0.542		-0.914	0.476		0.981
-1.446		0.28				-0.271	0.822
-1.67	8.898	0.39		4.288	1.415	4.618	-1.135
-1.447		0.3	0.093				
-1.521	3.885	0.868		-0.861	1.269	3.937	
-1.386		0.385				-0.268	
-1.563	8.542		8.829				-2.069
-1.623	8.874			9.077		-1.241	1.314
-1.443		0.303		0.079			
-1.434		0.643		-0.796	0.347		0.938
-1.567				-0.808	0.69	-0.4	1.102
-1.585	5.171		5.39				-0.255
-1.568		-0.048	-0.182		0.575		
-1.485	3.524	0.884			0.717	1.204	2.981
-1.543	-0.649					-1.356	2.381
-1.579			1.217		-0.039	-3.411	3.871
-1.481	0.483						0.886
-1.557		0.316		-2.481	1.08	1.992	
-1.438	-0.058	0.317					
-1.476	-0.201						
-1.476		0.366	-1.033		0.503		1.153
-1.685	-7.673			-10.181	1.083		5.342

-1.62			-0.567	-2.423	1.257	2.273	
-1.492				1.18		-1.01	
-1.49		0.331		0.314		-1.749	2.442
-1.477		0.411	5.91	-6.027			
-1.523				0.977		-0.747	
-1.547			0.702			-1.112	1.804
-1.523		0.401		-2.2	0.929	1.387	0.421
-1.456		0.269		0.629		-1.801	1.71
-1.432		0.342				0.034	
-1.644				-3.365	1.366	2.632	
-1.526	4.648	0.866	-0.067		1.221	3.988	
-1.528	2.395	0.611			0.549		3.63
-1.667	-10.635			-12.886	1.023	-0.76	6.469
-1.511		0.468		-2.476	0.975	1.606	0.404
-1.733				-3.3	1.266	2	2.506
-1.547		0.563		-4.207	1.455	3.442	
-1.494	1.235	0.429			0.567		1.127
-1.483		0.235					0.561
-1.651	13.9			13.082		0.919	
-1.581	4.728		4.855				
-1.58			-0.683		0.567		0.75
-1.553	-6.405	0.345	4.594	-11.539	0.884		
-1.524	0.366	0.333			0.358		0.578
-1.5		0.334				-2.305	4.172
-1.667	4.446	0.335			1.466	3.986	
-1.616	10.66		7.187	2.895			
-1.392	0.799	0.565					1.168
-1.564			-0.331		0.548		
-1.406	0.65	0.493					1.059
-1.515		0.242			0.344	-0.126	
-1.61	11.037	0.219	5.161	5.6			
-1.556	9.507	0.322		8.822	0.285		
-1.546				0.556		-1.151	2.179
-1.515		0.2			0.387		-0.354
-1.37		0.518	-0.172				
-1.445				1.244		-1.692	
-1.484	-0.108	0.366				-1.513	2.478
-1.613				-0.203	0.782		
-1.748	3.491				1.293	2.706	1.298
-1.723	0.439			-2.456	1.116	1.373	2.847
-1.661		-0.231			0.466	-0.763	2.094
-1.45	-0.656	0.492	-1.605		0.412		1.198
-1.569				-1.054	0.812	0.297	
-1.61			-0.688		0.498	-0.377	2.424
-1.433		0.398		0.38		-1.803	1.895
-1.518	-0.728						
-1.459		0.426	-1.304		0.632	0.736	
-1.503	-1.097					-0.944	

-1.745	23.933		8.793	16.174			-4.84
-1.536	0.424						1.937
-1.383	0.222	0.418					
-1.512				1.152		-1.924	1.424
-1.465	-2.157	0.381		-2.724	0.591		
-1.474	6.718	0.558	6.303				-0.47
-1.52	-0.016	0.254				-2.087	4.042
-1.521		0.252		0.036		-2.099	4.013
-1.425	6.146	0.841	4.895				0.883
-1.768	6.178			2.221	1.431	3.746	
-1.43		0.491	1.996	-2.459			0.715
-1.513		0.054	2.651	-2.243			
-1.468	2.276	0.87		-0.526	0.484		4.075
-1.372		0.527		-0.162			
-1.586		-0.288	1.793			-1.486	0.373
-1.426		0.555		-0.491	0.401		
-1.588		-0.161			0.495		0.042
-1.624	10.062	0.307	9.012	1.316		-0.935	
-1.578	5.77	0.92	3.8	-3.828	1.883	6.072	-3.172
-1.517			2.281	-1.899			0.063
-1.513					0.533	-0.689	
-1.486	0.736	0.325			0.606		
-1.52			2.593	-2.174			
-1.521			2.581	-2.151			
-1.627	6.254			5.537	0.424	-0.758	1.365
-1.526							1.232
-1.657	2.161				0.994	2.019	-0.349
-1.514	-16.449			-15.441		-5.121	9.323
-1.506	7.407	0.475		6.729		-0.791	2.005
-1.647	11.859		3.147	8.524			
-1.438	9.452	0.474		8.846		-0.074	
-1.618		-0.397	3.112	-1.057		-1.448	
-1.513	10.588	0.513		9.633	0.243		
-1.477				-0.441			0.868
-1.49	6.969	0.494	6.85				-1.034
-1.632				-2.055	1.139	2.023	-0.384
-1.387	-0.522	0.532	-1.133				1.165
-1.445						-0.215	
-1.445	-0.55	0.285				-1.651	1.646
-1.62	0.77	-0.387	2.677			-1.291	
-1.533	-0.852					-0.897	0.689
-1.416	-0.193	0.443				-1.592	1.853
-1.616			-1.061		0.585		2.392
-1.518		0.172			0.286		
-1.563	6.416		6.023				
-1.624	7.628			7.288	0.393		
-1.375		0.554	-0.596				1.102
-1.5	9.214	0.522		8.408		-0.487	1.423

-1.6	5.647		5.553				-0.106
-1.546			0.531				
-1.554					0.474		-0.453
-1.651	6.863			5.437	0.614		1.119
-1.583	4.911		4.764				
-1.405		0.487				-1.387	1.813
-1.466	10.918	0.753		9.404			1.485
-1.611				-1.203	0.783	0.921	
-1.625			0.321	-1.728	0.844	1.12	
-1.602		0.054	-1.203		0.579		2.52
-1.447	0.189	0.285					0.723
-1.626	0.614			-0.868	0.832	1.215	
-1.557						-1.953	3.436
-1.633				-1.915	1.015	1.444	
-1.541				0.716		-0.657	0.557
-1.775	9.906			5.833	1.446	4.466	-1.44
-1.384		0.546	-1.568	0.906			1.238
-1.627	1.228		-0.274		0.804	1.271	
-1.57	6.626		6.188				0.108
-1.384		0.41		-0.2			
-1.494	0.683	0.338			0.569		
-1.442		0.942		-2.987	0.517	-0.065	4.598
-1.916	33.734			26.814	2.162	11.937	-11.739
-1.555	6.883	0.881	1.031		1.649	5.453	-1.301
-1.501	8.101	0.442		7.561		-0.673	1.415
-1.541	1.665			2.026			
-1.494	11.197	0.599		10.06			0.97
-1.587			0.071		0.547		
-1.461		0.539	-1.668		0.448		3.041
-1.549	-6.383			-5.658		-3.378	5.886
-1.548	4.201			4.894		-2.174	1.896
-1.523			5.248	-5.313			
-1.612	2.093			2.266	0.38		
-1.622				-1.474	0.857	1.131	0.062
-1.646	11.217		3.553	7.512			0.087
-1.374	0.146	0.528					
-1.506			1.803			-1.901	
-1.609	14.884		7.707	7.103			-1.993
-1.492		0.433	-1.18		0.438		1.664
-1.59					0.584	0.032	
-1.621	1.14				0.701	0.993	
-1.534			0.75			-0.452	
-1.509		0.316		-1.002	0.603		0.957
-1.609		-0.412	2.171			-1.632	
-1.525			1.572	-0.425		-1.038	0.487
-1.473			-0.458				0.931
-1.393	-1.36	0.534		-1.85			0.972
-1.529		0.1				-0.759	2.521

-1.447		0.274		-0.183			0.724
-1.526	0.244		1.35			-1.006	0.506
-1.595					0.434	0.204	
-1.527				-0.386			1.791
-1.427		0.518		-0.805			1.606
-1.505	7.643			8.141		-1.241	
-1.459							
-1.473						0.169	
-1.426		0.459	3.134	-3.32			
-1.467		0.183					0.587
-1.612	10.862			10.498		0.668	
-1.394	0.491	0.63					0.941
-1.584	5.314			5.813		-2.149	2.209
-1.482		0.311		-0.7	0.617		
-1.581	8.049		8.988				-2.916
-1.474		0.432	-1.058		0.457		1.186
-1.491	14.29	0.667		13.009		0.415	
-1.643	3.115				1.321	2.133	
-1.53		0.243			0.274	-0.258	0.594
-1.666	4.226			0.657	1.411	2.537	
-1.656	9.03	-0.278		9.508			
-1.579			-0.489		0.574	0.299	
-1.536	-10.742	-0.045		-9.749		-3.856	6.821
-1.506			0.335				0.3
-1.484		0.862		-4.087	1.138	2.734	1.104
-1.569			-1.087		0.644		1.139
-1.565					0.494	0.069	-0.486
-1.614	4.051			4.285	0.394		
-1.449		0.257	-0.183				0.744
-1.503						0.605	
-1.383		0.399	-0.183				
-1.582	1.009	0.017		0.655	0.563		0.475
-1.46		0.657		-2.354	0.799	1.034	0.924
-1.511						0.387	
-1.379		0.503				-0.132	
-1.509	10.014	0.465		9.078			1.034
-1.383		0.588	-0.768			0.221	1.037
-1.554			1.019			-0.529	
-1.567			0.055		0.481		-0.432
-1.402		0.477		-0.599			1.037
-1.571	-0.513					-2.441	4.058
-1.571	-0.01				0.491		-0.35
-1.571				0.011	0.491		-0.351
-1.497	-1.172					-1.928	1.436
-1.512	12.906	0.508		12.16			
-1.522				0.416			
-1.6			-1.888		0.722		3.136
-1.438		0.543	-1.728	0.771	0.369		1.23

-1.395		0.644	-0.827				1.704
-1.575	-0.726			-0.906	0.536		
-1.575				0.485		-2.372	3.948
-1.462		0.446	-1.515		0.599	0.562	1.007
-1.543			1.341		0.103	-2.298	1.419
-1.676		-0.68	2.682			-1.951	
-1.626		-0.17			0.529	0.094	
-1.518	-3.079			-3.739	0.845		
-1.467					0.136		
-1.576	-0.095		-0.22		0.486		
-1.549	1.62			1.902			0.263
-1.543			0.581			-0.413	0.376
-1.539		-0.015	1.704			-2.746	1.572
-1.577			-0.186	0.073	0.479		
-1.503				0.286			0.369
-1.47		0.46	0.216			-2.607	3.664
-1.689	5.722	-0.178	10.056	-2.392		-2.322	
-1.626		-0.17	0.11		0.507		
-1.573	3.975	0.528			1.289	3.443	-0.385
-1.456		0.513			-0.024	-2.508	3.959
-1.492		0.323		-0.623	0.566		
-1.399		0.524		-0.673			1.088
-1.599			0.176		0.434		
-1.519			-0.335				1.606
-1.437	-1.159					-1.526	
-1.569			-2.177		0.934	1.319	0.614
-1.591			-0.746		0.596	0.384	0.43
-1.535		0.373		-2.464	1.068	1.739	
-1.376		0.564		-0.535			1
-1.377		0.466					-0.244
-1.447	0.131						
-1.532	0.862		1.985			-0.747	
-1.632		-0.133			0.597		
-1.505			0.491				
-1.476		0.133					0.584
-1.527	1.552			2.357		-0.771	0.632
-1.519			-0.655		0.666		
-1.526			2.371	-1.1		-0.919	
-1.585	-1.466			-1.877	0.583		0.478
-1.705		-0.427			0.616		0.964
-1.637	0.026	-0.162			0.618		
-1.636		-0.17		0.001	0.598		
-1.541		-0.14	0.675				
-1.537	11.701	0.33		11.214		0.051	
-1.634	7.59			5.822	0.782	0.729	
-1.571		0.21	12.495	-10.719		-2.424	
-1.55			-1.882		0.922	1.255	
-1.473	-1.125					-1.023	

-1.504		0.13	1.482		-0.02	-2.87	1.885
-1.545				0.568			
-1.534		-0.106		1.227		-1.311	0.826
-1.554		-0.14	0.505				
-1.447				-0.113			
-1.386		0.408					
-1.576	-2.07			-4.025	1.119	1.019	0.476
-1.505			0.231				
-1.483						-0.376	0.891
-1.442		0.624	-1.046		0.363		1.491
-1.522			0.495				
-1.497	-0.223						0.417
-1.42		0.514	-0.875				1.799
-1.535			1.027			-0.371	
-1.523	0.19		0.504				
-1.515		0.385	-1.757		0.507		3.115
-1.507			0.385				-0.256
-1.584	-0.216		-0.535		0.487		0.499
-1.446			-0.1				
-1.502				0.228			
-1.684	19.098	0.63		12.678	1.798	8.334	-5.762
-1.591	6.347			5.372	0.621		
-1.492				1.326		-1.464	
-1.511			0.162	0.118			
-1.586			-0.462	0.184	0.472		0.464
-1.51	0.077						0.579
-1.607				0.081	0.518		
-1.752	2.029	-0.389	1.879		0.702		0.846
-1.499	-3.63	0.441	1.463	-5.862	0.631		0.65
-1.506				0.274			-0.028
-1.618	1.724		-1.749		1.294	2.737	
-1.508							0.442
-1.462							
-1.473					0.445		-1.023
-1.577	4.039	-0.117	0.77	3.826			
-1.549	1.623		2.382	0.173		-0.458	
-1.609	-0.048				0.544		
-1.515			0.019				0.509
-1.514				0			0.525
-1.6		-0.154	0.481		0.437	-0.687	0.511
-1.551	2.799	0.929	2.589	-5.051	1.599	4.705	-1.002
-1.618				-2.958	1.38	2.078	
-1.635	2.698	-0.185		2.747	0.527		
-1.548	3.537		0.613	3.325			0.145
-1.599	0.531				0.501	-0.901	1.777
-1.547		0.065			0.432	-0.656	0.896
-1.551	3.649			3.856			0.592
-1.399		0.435			0.034		

-1.565	4.27	-0.082		4.699			0.167
-1.644	0.308			-3.399	1.575	2.794	
-1.525	-1.542		-2.5		0.601		1.155
-1.548	3.578		0.789	3.257			
-1.528						0.503	
-1.499				0.476			
-1.576	4.666	-0.126		5.2			
-1.611	-4.463		2.136	-8.203	1.129	0.968	
-1.62	5.105	-0.297		5.973		-0.217	
-1.574				0.229	0.276	-1.736	2.133
-1.505	-1.164	-0.03				-1.421	0.996
-1.609	-3.749		2.627	-6.635	0.753		
-1.616	1.119				0.689		1.092
-1.581					0.346	-1.505	2.067
-1.568	3.231			3.414		0.313	
-1.397	1.581	0.739					2.729
-1.399		0.47	-0.622				1.12
-1.49	-2.594	0.467		-3.603	0.545		1.323
-1.531	0.172		0.374				0.319
-1.52			-0.176	0.276			0.464
-1.539	3.648			4.259		-0.214	
-1.509	-0.183						0.179
-1.598	0.775				0.625	-0.255	0.924
-1.708	4.892	-0.378		5.069	0.514		
-1.496	-0.197						
-2.052	38.942		4.64	25.783	2.953	15.29	-16.188
-1.443							-0.14
-1.687	11.538			10.374	0.459	0.535	
-1.53		0.893	3.797	-8.405	1.594	4.062	-1.239
-1.442							
-1.589	7.334			7.688		-1.016	1.059
-1.607	2.321		-1.3		1.382	2.813	
-1.726		0.009		-3.969	1.643	3.872	
-1.412		0.462	-0.565				1.061
-1.549		-0.203		0.757			
-1.414	0.385	0.561			0.298		
-1.522		0.476		-1.67	0.637	0.555	1.29
-1.478		0.528	-1.795		0.559	0.711	1.482
-1.655	11.441			10.98	0.298		-0.253
-1.563				0.211	0.342	-1.364	1.372
-1.541			3.089	-2.853			
-1.439	1.137	0.519					2.376
-1.58	-5.688		1.983	-8.378	0.892		0.384
-1.54	-0.568						
-1.55				0.956		-2.646	2.702
-1.548		0.107			0.266		0.379
-1.386		0.617		-0.782		0.345	0.858
-1.501	-4.258	0.406	2.448	-7.245	0.699		

-1.475	-2.647	0.464		-3.561	0.561		0.943
-1.574	-5.827		2.415	-8.808	0.908		
-1.522			1.61		0.115	-2.032	
-1.592		-0.087	-0.172		0.567		0.377
-1.594			-0.133		0.544	0.179	
-1.57	2.407		0.476	2.418			
-1.495		0.061	1.831			-2.224	
-1.485		0.448	-1.371		0.545	0.575	0.878
-1.541	1.023	0.129	1.435				
-1.515	7.04	0.537		5.601	0.368		1.283
-1.562	2.834				1.069	2.269	
-1.48							
-1.475		0.267	1.486		-0.116	-3.164	2.194
-1.497		0.229			0.404	-0.454	
-1.457		0.159	0.171				
-1.577	3.247	-0.003		3.754			
-1.543			-1.92		0.905	0.973	0.777
-1.464		0.378	6.189	-6.3			
-1.615	1.461				0.855	0.865	
-1.76	20.747	0.664	4.387	9.038	2.396	10.397	-8.946
-1.443		0.588		-1.323	0.475		2.116
-1.524						0.021	0.58
-1.612	12.181		4.721	6.76			
-1.389		0.344					-0.259
-1.597	10.265			10.477		-0.372	
-1.659		-0.363	0.464		0.573	-0.199	
-1.504			5.717	-5.774			
-1.665		-0.367	0.289		0.616		
-1.4		0.593	-1.188				2.719
-1.506			-0.931		0.649		0.965
-1.552			1.494			-0.962	
-1.592		0.141	1.593	-1.58	0.464		
-1.443	-0.414	0.447	-1.406		0.47		1.193
-1.545	1.575		1.856				0.482
-1.492	-0.454						
-1.666		-0.343			0.677	0.284	
-1.493		0.682		-3.42	1.156	2.536	
-1.425		0.474		-0.556	0.497		
-1.515	-0.354						
-1.547	1.759	-0.023	2.259				
-1.63		-0.328	1.056		0.417	-0.924	
-1.546	-0.913					-2.738	3.003
-1.405		0.266		0.693		-1.076	
-1.425		0.445	-0.551		0.484		
-1.498		0.265	-0.418		0.476		
-1.534	1.62	0.014	2.078				-0.007
-1.558	0.751		1.282			-0.082	
-1.584	-3.039			-4.614	0.977	0.774	0.45

-1.608	11.562			11.536			-0.196
-1.445		0.198		0.119			
-1.603				-0.982	0.689		0.932
-1.512	0.328	0.932	2.141	-6.445	1.405	3.653	
-1.484						0.069	
-1.582	14.02	0.304		12.645		1.413	
-1.467		0.205	0.769		0.244	-1.386	
-1.458	-6.726			-5.305		-2.206	1.566
-1.431							
-1.564		-0.326	0.577				
-1.545	9.611			8.726			0.781
-1.529		0.147	1.883	-1.498			
-1.695	10.3			8.87	0.515	0.548	0.588
-1.435	-0.516	0.424	-1.04		0.46		
-1.464		0.259			0.411	-0.618	
-1.591	-2.143			-4.11	1.096	1.29	
-1.567	-4.265			-5.198	0.798		0.969
-1.595	0.122	-0.096			0.636		
-1.513		0.222	1.128		-0.031	-2.553	2.132
-1.374	-5.33	1.067		-7.211		-2.836	8.358
-1.55	9.149			8.173			1.092
-1.609		-0.156		-0.025	0.631		
-1.496		0.47	-2.203		0.587	0.529	2.979
-1.545	11.33			10.644			
-1.436	-0.08	0.232					
-1.379	0.511	0.567					0.983
-1.476	1.371	0.289		1.538			
-1.64	8.184			8.316	0.199		
-1.388		0.624		-0.518			0.949
-1.694	23.423		10.09	13.758			-4.551
-1.416		0.295			0.051		
-1.555			1.637	-0.964		-0.232	
-1.498	-1.282		-1.809		0.607		
-1.655	10.492	-0.128		10.753			
-1.472	-0.156	0.324				-0.359	0.752
-1.457		0.363				-0.178	0.627
-1.54	-0.766	-0.196					
-1.471		0.334		0.1		-0.292	0.732
-1.848	28.503			23.624	1.49	7.784	-7.575
-1.455		0.124	1.743			-2.319	
-1.457		0.378	-0.079			-0.157	0.759
-1.422		0.291					
-1.427		0.276				0.041	
-1.464	-2.035	0.314		-2.654	0.663		
-1.466	0.487						0.916
-1.434		0.506	-0.93	-0.047	0.463		1.129
-1.583	5.135	0.59		1.345	0.999	2.315	1.68
-1.584	3.641	0.556			0.988	2.001	2.149

-1.621	13.266			13.389		-0.187	-0.628
-1.6	9.576	0.621		5.322	1.096	3.469	
-1.471		0.221		0.578		-0.471	
-1.438		0.405	-0.591	0.271			0.864
-1.405		0.318					
-1.598	10.556	0.644		6.232	1.097	3.655	-0.334
-1.501		0.306	-0.732		0.53	0.376	
-1.546			2.57		-0.315	-4.598	3
-1.463		0.312	-0.598		0.523		
-1.577		0.507		-3.278	0.933	1.148	3.416
-1.608	3.934			2.723	0.68	-0.134	1.092
-1.444		0.412	-0.301				0.863
-1.584	11.945	0.721		7.533	1.053	3.752	-0.55
-1.443	-0.01	0.405	-0.282				0.793
-1.373	-0.985	0.456		-1.118			
-1.486	0.513	0.252					1.807
-1.388	-25.07	0.576		-25.33		-6.18	13.76
-1.564			0.009		0.52	-0.028	
-1.609	10.899		4.96	5.169			0.393
-1.429	-6.395			-4.909		-2.377	1.714
-1.601	0.878	0.071	0.983		0.409		
-1.488			1.618		0.137	-2.273	
-1.465	0.519	0.366		0.382			0.643
-1.452	0.146	0.378					0.566
-1.47							0.641
-1.468		0.268	0.42			-0.301	
-1.51	-1.084		-2.093		0.654		1.159
-1.522				0.643		0.07	
-1.479	-1.197					-1.271	
-1.611	-1.549	0.377		-4.853	1.052	1.297	3.478
-1.411		0.35				-0.131	
-1.449		0.38		-0.161			0.59
-1.449		0.293					0.208
-1.576				-0.552	0.654	0.064	
-1.557	-3.678	0.476		-6.402	0.803		4.862
-1.497	-0.233	0.383	-0.889		0.404		0.884
-1.505	-0.735	0.303		-1.068	0.486		
-1.492			3.036	-3.134			
-1.58	6.35		6.963				-1.498
-1.504		0.359	-0.495		0.401		0.581
-1.59			0.542		0.157	-2.23	3.242
-1.503		0.379	-0.642	0.055	0.393		0.804
-1.511		0.335		-0.338	0.41		0.257
-1.395	-0.418	0.313				-0.732	
-1.559		-0.228		0.492			
-1.423	7.672	0.84	6.86				-0.584
-1.457	-0.56	0.23				-0.499	
-1.501			2.502	-2.782			0.481

-1.622				-3.063	1.365	2.545	-0.64
-1.459	0.314	0.316	0.439				
-1.578		0.083			0.239	-1.739	3.32
-1.43		0.501		-1.048			2.301
-1.514		0.306	0.14	-0.373	0.424		
-1.555		0.088	0.879			-2.78	3.493
-1.545		0.162	0.516		0.058	-2.573	3.661
-1.44	1.041	0.702				-1.882	4.845
-1.42	0.055	0.341					
-1.422	0.653	0.646			0.218		0.915
-1.607		-0.27	1.302			-1.456	1.583
-1.425		0.463	2.51	-2.94			0.652
-1.437		0.3	0.035				
-1.387		1.133		-2.214		-1.98	6.928
-1.413		0.542				-0.49	1.036
-1.659			0.686	-4.328	1.522	3.055	-0.52
-1.37	-0.369	0.459	-0.525				
-1.532	3.328			4.189			-1.23
-1.43		0.317		-0.001			
-1.427		0.487	-0.846	0.323	0.427		
-1.512	0.114	0.291	-0.118		0.416		
-1.462				-0.447			0.9
-1.368		0.5	-0.368			0.231	
-1.514	0.228	0.302			0.396		0.073
-1.404		0.42			0.27		-0.767
-1.632	1.92				1.019	1.945	-1.009
-1.605			-1.139		0.733	1.103	
-1.529		-0.184		1.556		-1.296	
-1.475		0.28		-0.563			1.845
-1.579	-0.952	-0.167				-1.656	2.553
-1.45		0.313	0.351	-0.246			
-1.37		0.529		-0.441		0.323	
-1.536	3.513		-1.794	5.614			
-1.431		0.623		-0.714	0.359		0.683
-1.389		0.394				-0.273	
-1.559	8.116		8.27				-1.661
-1.494	0.62						1.241
-1.404	-0.586	0.565	-1.497				1.983
-1.409	-3.372	0.414		-3.099		-0.943	1.269
-1.486		0.366	5.302	-5.338			
-1.401		0.59	2.437	-3.112			0.84
-1.458	-0.692	0.52	-1.851		0.389		1.814
-1.382	-1.16	0.501		-1.665			0.997
-1.401		0.581	-2.071	1.074			2.139
-1.477					0.156		
-1.544	-0.464		0.226			-1.299	2.183
-1.415	0.772	0.562			0.341		0.96
-1.516			-0.306	1.293		-0.785	

-1.368		0.481	-0.619	0.447			
-1.631			-0.376	-2.793	1.312	2.439	
-1.528			-1.654		0.904	1.014	
-1.545		0.347		-2.383	1.026	1.791	0.139
-1.586		-0.339	2.443			-2.287	
-1.366		0.489	-0.165				
-1.512		0.17			0.39		-0.424
-1.518				1.021		-0.752	-0.12
-1.491				1.192		-1.039	
-1.477	-0.448	0.471	-2.189		0.462		3.249
-1.525	0.124			1.078		-0.715	
-1.7	-5.801			-8.544	1.142	0.541	4.63
-1.38	-0.39	0.512	-0.998				1.159
-1.766	8.982		5.291		1.867	5.959	-6.472
-1.457		0.392	-1.263		0.649	0.682	
-1.386	0.923	0.656				0.54	0.779
-1.547			0.78	-0.074		-1.1	1.773
-1.579		-0.147		0.821		-1.361	2.226
-1.462		0.241		0.687		-1.802	1.667
-1.533			1.797	-1.744			0.917
-1.572			-0.53		0.56		0.407
-1.476							0.598
-1.453	-1.285		-1.717				1.067
-1.367		0.494		-0.157			
-1.391		0.698		-1.382			2.483
-1.513	-0.524					0.18	
-1.552	-6.555	0.351	4.666	-11.774	0.894		
-1.515		0.227			0.373	-0.076	-0.187
-1.484		0.161	1.677	-1.515			0.293
-1.504				-0.807	0.624		0.801
-1.404		0.498			0.158	-0.241	
-1.397	0.749	0.541					1.132
-1.464		0.308	-0.679				2.007
-1.392	-1.184	0.478	-1.451			-0.466	1.364
-1.514	-1.043					-0.969	0.254
-1.458			-0.461				0.96
-1.491		0.389					0.728
-1.426		0.257			0.321		-0.865
-1.447				1.254		-1.707	
-1.534	0.268						1.728
-1.514	-0.837		0.249			-0.89	
-1.561	9.322	0.294		8.672	0.294		
-1.645		-0.14	-0.401		0.502	-0.547	2.342
-1.527			-1.143	1.807		-0.82	0.866
-1.579		-0.152	1.084			-0.566	
-1.377		0.528	-1.23	0.591			1.199
-1.386	0.227	0.428					
-1.506		0.103	3.24	-2.916			

-1.37	0.511	0.559				0.401	
-1.462		0.57	-1.679		0.431		2.497
-1.541	9.248			9.7		-1.302	
-1.59		-0.291	2.298	-0.492		-1.412	0.246
-1.52	-1.434		-0.554			-1.1	0.922
-1.489			-0.555		0.639		
-1.433		0.499	1.758	-2.301			0.933
-1.502		0.087	2.377	-2.013			
-1.515	2.516	0.328		2.296		-1.651	3.362
-1.588	0.246	-0.284	1.993			-1.378	0.287
-1.368	0.144	0.492					
-1.529				-0.13			1.491
-1.511		0.061					1.109
-1.671	2.65		0.325		1.041	2.284	-0.538
-1.382	0.301	0.579					0.411
-1.517			2.3	-1.919			0.062
-1.631	6.066			5.373	0.403	-0.858	1.589
-1.6				-1.108	0.807	0.941	-0.399
-1.484				-0.509			1.052
-1.527			-0.058				1.354
-1.657	2.301			0.182	0.976	2.003	-0.358
-1.521			2.653	-2.23			
-1.552			0.733			-0.208	
-1.545	3.084		-1.919	5.09			0.584
-1.441						-0.211	
-1.521	-14.876			-13.919		-4.9	8.872
-1.376		0.552	-0.675			0.101	1.079
-1.651			1.169	-3.029	1.027	1.66	-0.354
-1.485						0.37	
-1.475	9.514	0.654		8.426		-0.444	1.591
-1.462	-2.549			-2.8			0.775
-1.525	-1.584			-0.642		-1.076	0.797
-1.618	-0.383	-0.408	3.324	-1.562		-1.54	
-1.614		-0.385	3.031	-0.995		-1.443	
-1.388	-0.635	0.532	-1.007	-0.226			1.144
-1.43	-0.381	0.361				-1.634	1.755
-1.522			1.029			-0.517	-0.569
-1.425		0.436	3.637	-3.81			
-1.615	0.708	-0.372	2.6			-1.295	
-1.586			0.462		0.458	-0.31	
-1.548		-0.021	0.532				
-1.391		0.602		-0.87			1.933
-1.635		-0.073	-0.944		0.601		2.258
-1.517			-0.493		0.547		
-1.652	5.045				1.734	4.525	-0.854
-1.529		-0.118				0.404	
-1.42		0.501	-1.115				2.475
-1.412	0.451	0.489			0.39		

-1.404	-1.514	0.551		-2.145			1.384
-1.51			-3.409	2.425	0.5		1.297
-1.616			0.174	-1.423	0.796	0.976	
-1.617	0.309			-0.971	0.789	1.017	
-1.396		0.623	-1.028			0.237	1.707
-1.386		0.419		-0.203			
-1.621	1.784	-0.063		1.95	0.404		
-1.625	0.073		0.28	-1.631	0.845	1.137	
-1.508	0.324					0.684	
-1.469	11.113	0.734		9.664			1.343
-1.617	0.973		-0.324		0.756	1.069	
-1.384		0.544	-1.632	0.993		-0.038	1.261
-1.372		0.466				-0.135	
-1.449	-3.285		-2.636			-1.543	1.766
-1.624		-0.548		1.847		-0.94	
-1.45			-2.921	2.363			1.26
-1.461		0.54	-1.622	-0.04	0.449		3.024
-1.391		0.479				-0.563	1.13
-1.606		-0.062			0.458	0.181	
-1.516	-1.397		2.046	-2.076		-1.343	0.573
-1.458			-0.043				
-1.476			-0.502				1.05
-1.459	-0.036						
-1.447		0.565	-2.082	0.907	0.345		1.867
-1.457							-0.08
-1.591			-2.719		0.945	1.021	2.722
-1.459						0.031	
-1.644	5.214			2.454	1.151	1.737	
-1.444		0.291		-0.218			0.751
-1.632	10.302	-0.121		10.247		0.423	
-1.459				-0.006			
-1.417		0.489	3.394	-3.633			
-1.552	-0.443	-0.242					
-1.475		0.147	0.076				0.523
-1.459					0.148		
-1.516				0.188		0.22	
-1.489				-0.513	0.62		
-1.439	-2.08			-2.062			
-1.507						0.386	
-1.572			-0.32		0.559	0.244	-0.271
-1.477			-0.342				0.796
-1.386		0.409	-0.188				
-1.495	13.979	0.629		12.79		0.373	
-1.518				0.415			
-1.573			0.591	-0.416	0.49		-0.689
-1.501		0.021				0.606	
-1.38		0.507				-0.153	0.053
-1.45					0.192		

-1.582	-1.817		0.716	-2.767	0.61		
-1.571	0.204		0.368		0.475		-0.639
-1.617		-0.106	0.152		0.468		
-1.533			-0.781		0.529		0.814
-1.441	-5.819	0.716		-7.774	0.678		2.844
-1.571	-0.166			-0.191	0.503		-0.297
-1.466		0.431	0.765		-0.155	-3.276	3.922
-1.43	-1.051		-1.081				
-1.376		0.568		-0.672		0.185	0.937
-1.375		0.437					-0.202
-1.559	-1.22		-3.082		0.68		3.394
-1.627		-0.171	-0.128		0.569	0.186	
-1.528	4.062	0.242		3.698		0.783	
-1.551		-0.034	1.395		0.109	-2.307	1.377
-1.426	-9.355		3.23	-10.392		-2.895	1.378
-1.514			1.455	-1.277			
-1.442	0.127						
-1.518	0.567		1.251				-0.853
-1.559	1.763	-0.146		2.843		-0.938	0.568
-1.564	2.243				0.766	1.919	
-1.576	0.676		-1.815		1.062	1.821	
-1.565			-2.103		0.93	1.301	0.464
-1.397		0.378			0.063		
-1.48	-1.08					-0.858	
-1.574	0.171		-2.134		0.969	1.457	0.556
-1.436	-1.154					-1.52	
-1.59	-2.477		0.845	-3.73	0.653		0.362
-1.443			-0.372				0.898
-1.54				0.384		0.174	
-1.627		-0.127		0.062	0.549		
-1.484					0.463		-0.999
-1.553		-0.064		0.574			
-1.63	-0.029	-0.13			0.576		
-1.461		0.144		1.014		-1.184	
-1.473	-5.438	0.528	2.161	-8.577	0.735		0.714
-1.517		-0.052	0.55				
-1.531	0.775		2.028	-0.116		-0.763	
-1.536			-1.53		0.662		2.544
-1.441				-0.11			
-1.449							0.672
-1.488			-2.335	1.829	0.528		
-1.403		0.592	-1.156				2.266
-1.474	-1.145	-0.008				-1.04	
-1.455							
-1.523			1.319	-1.277			0.356
-1.504			0.252				-0.048
-1.44			-0.096				
-1.624	4.356				1.455	3.652	

-1.508			0.526	-0.107			-0.324
-1.505				0.156			0.156
-1.518		0.089				0.511	
-1.585	3.829	-0.212		4.82		-0.478	
-1.499	-3.466	0.451	1.184	-5.506	0.611		0.906
-1.398	-4.055	0.305		-3.42		-1.423	1.464
-1.51	0.073						0.569
-1.471					0.442		-1.007
-1.533	-0.204					0.333	
-1.579	4.038	-0.123	0.821	3.781			
-1.567		-0.388		0.544			
-1.574	3.944	-0.111	0.811	3.683			0.002
-1.573	5.097		-1.056	6.014		0.665	
-1.488			3.556	-3.78			0.369
-1.551	3.388		0.517	3.16			0.432
-1.53	-1.58		-2.617		0.599		1.37
-1.566	4.016	-0.065		4.324			0.46
-1.6	0.576				0.518	-0.789	1.664
-1.506		-0.033		0.515			
-1.603	-4.544		2.029	-8.011	1.084	0.814	
-1.487	-0.938		-1.492		0.641		
-1.427			-1.84	1.769			
-1.609	-4.556		2.119	-8.216	1.113	0.9	0.029
-1.574				0.256	0.265	-1.799	2.196
-1.48				-0.256			0.71
-1.439							-0.114
-1.407	-0.392	0.546	-1.603				2.809
-1.511				-0.356	0.443		
-1.401	1.552	0.72					2.722
-1.501	0.972						2.184
-1.445				-0.313			0.825
-1.586	1.57		-1.496		1.226	2.209	0.259
-1.487			4.25	-4.329			
-1.501		0.13	1.013		0.204	-1.453	
-1.619	2.644		-1.265		1.453	3.078	
-1.547	-0.573	-0.062					
-1.411	-1.508	0.522		-2.488			2.359
-1.48							
-1.524	1.284	0.206	1.371			0.295	
-1.414	0.386	0.562			0.298		0.004
-1.557	2.052	0.082	0.843	1.662			
-1.481		0.515	-1.735		0.554	0.685	1.431
-1.389		0.628		-0.846		0.363	0.996
-1.403		0.565	-1.83	0.586			2.85
-1.575	-5.56		1.916	-8.159	0.883		0.323
-1.48	-7.528			-6.193		-2.416	2.36
-1.497	-4.597	0.419	2.609	-7.775	0.72		
-1.593	-1.744	-0.485				-0.817	

-1.421	-4.297			-3.11		-1.323	
-1.482		-0.02					
-1.431	-0.356	0.398	-0.9		0.492		
-1.381	-14.057	0.854		-15.239		-4.362	10.865
-1.471		0.227					0.697
-1.391		0.357					-0.289
-1.675	8.672	-0.153		8.773	0.232		
-1.4		0.591	-1.203			0.027	2.699
-1.66		-0.371	0.504		0.566	-0.235	
-1.477	-0.368	0.069					
-1.535	1.464	0.049	1.65				0.616
-1.513	-0.352						
-1.425		0.464	-0.2	-0.359	0.496		
-1.441	-2.048			-2.343			0.84
-1.409		0.276		0.701		-1.091	
-1.437	-0.673	0.217				-0.808	
-1.465	1.652	0.35	-1.402	2.794			0.859
-1.43			-0.031				
-1.481	2.419	0.249	-0.983	3.565			
-1.458		0.332	-0.971	1.021		-0.421	0.991
-1.432							0.062
-1.465		0.198	0.701		0.268	-1.321	
-1.43				-0.015			
-1.431	-0.014						
-1.667	5.053				1.624	4.775	-1.092
-1.587	-3.032			-4.659	0.989	0.801	0.504
-1.491				-0.889			2.107
-1.431						-0.001	
-1.459	-6.965		0.249	-5.74		-2.239	1.535
-1.548	10.077			9.225			0.623
-1.377	0.727	0.589				0.274	0.894
-1.454	-0.757	0.336	-0.608			-0.547	1.006
-1.532		0.135	1.88	-1.444		-0.046	
-1.459							0.666
-1.445						-0.341	0.916
-1.48	0.19						0.677
-1.401		0.429			0.225	-0.292	
-1.475	0.348				0.469		
-1.439	-0.979		-1.411				1.063
-1.446	0.268						0.801
-1.38	0.537	0.571					1.055
-1.469		0.293		0.299		-0.368	0.415
-1.478	1.055	0.265		1.368		-0.158	
-1.466	-0.289	0.302				-0.421	0.529
-1.481	1.67	0.26		1.936			-0.198
-1.461	-1.092	0.328		-0.837		-0.574	0.891
-1.416		0.288			0.056		
-1.437		0.482	1.665	-2.454			1.632

-1.648			1.825	-5.323	1.629	3.331	-1.722
-1.642			3.245	-4.763	1.174	2.046	-2.301
-1.682		-0.939		2.232		-1.448	
-1.458		0.36	0.011			-0.183	0.614
-1.425		0.284				0.018	
-1.567		0.226	-1.875		0.831	1.767	
-1.437		0.432	-0.877	0.41			1.186
-1.48						-0.201	0.727
-1.377	-1.333	0.464	0.438	-1.885			
-1.43	-2.982		-2.303			-1.586	1.779
-1.371	-0.916	0.444		-1.049			
-1.375	-1.41	0.424		-1.346		-0.212	
-1.605	3.802				1.538	3.949	-2.427
-1.472		0.224	0.048	0.522		-0.461	
-1.588	5.646	0.586		1.802	1.016	2.465	1.468
-1.579		-0.306		0.864		-0.334	
-1.442	-0.063	0.42	-0.411				0.953
-1.468					-0.015		0.648
-1.494	0.182				0.294		
-1.41	-1.325	0.508	-1.878			-0.525	2.282
-1.427	-3.887	0.426		-3.727		-1.073	1.939
-1.469	-0.16	0.249	0.347			-0.395	
-1.457					0.431		-0.799
-1.385	-1.22	0.436	-1.373			-0.615	1.42
-1.402		0.381			0.277		-0.728
-1.496	-0.229	0.384	-0.891		0.402		0.902
-1.473		0.322					0.742
-1.532	3.84		-1.029	5.538			-0.835
-1.493			2.925	-3.051			0.074
-1.397	-0.409	0.322				-0.726	
-1.397		0.673	1.709	-2.813			1.766
-1.505		0.356	-0.396	-0.073	0.403		0.525
-1.58			-3.548		1.352	2.927	
-1.579		0.042	0.493		0.144	-2.235	3.293
-1.526				-0.568	0.421		0.656
-1.489		0.216	0.882	-1.185			1.389
-1.442		0.443		-0.927			2.189
-1.604	-0.416	-0.262	0.858			-1.614	1.93
-1.48			-0.85				2.016
-1.538	4.86			5.589		0.404	-1.73
-1.485					0.222	-0.115	
-1.368	-0.334	0.454	-0.489				
-1.559			-2.442		1.17	1.837	
-1.436		0.409	2.47	-2.793			0.576
-1.412		0.543			-0.004	-0.488	1.036
-1.369	-0.258	0.471	-0.488			0.081	
-1.405		0.444			0.256	-0.078	-0.592
-1.607		-0.27	1.481	-0.167		-1.428	1.506

-1.468			-0.723			0.483	0.709
-1.367		0.49	-0.343			0.206	
-1.367		0.508		-0.404		0.283	
-1.451			-0.42			0.44	
-1.368		0.506	-0.298	-0.089		0.254	
-1.53	2.37		-1.349	4.304		-0.319	
-1.541		-0.226		1.587		-1.229	
-1.697					0.534		
-1.486	0.593				0.439		0.767
-1.504		0.529	-4.295		1.342	3.738	
-1.438			-2.176	1.662			1.182
-1.405	-2.871	0.424	-0.44	-2.277		-0.854	1.316
-1.404	-0.479	0.566	-1.625	0.216			2.02
-1.379	0.744	0.623				0.455	0.49
-1.46					0.336	-0.238	
-1.556	-0.476	-0.37					
-1.381	-0.858	0.505	-0.418	-0.989			1.066
-1.366		0.475	-0.482	0.315			
-1.402		0.576	-2.225	1.27		-0.084	2.213
-1.414	0.712	0.551			0.348		0.78
-1.53		-0.204				0.416	
-1.418	-2.076		-1.355			-0.861	
-1.517			-0.479	1.419		-0.802	0.142
-1.577					0.207		0.565
-1.549		0.388			0.13		0.699
-1.512				-0.975	0.628		1.26
-1.749			8.365	-9.371	1.163		
-1.459	-1.329		-1.862				1.339
-1.454	-1.534		-1.424	-0.512			1.018
-1.532			1.604	-1.547			0.951
-1.476	-3.611		-3.617			-1.997	4.594
-1.367	0.437	0.527				0.321	
-1.476		0.25	-0.533				1.85
-1.428		0.268			0.319		-0.886
-1.436	-0.262						-0.663
-1.473		0.229	3.075	-2.933			
-1.515	-1.021		0.025			-0.962	0.237
-1.531	0.51		-1.298	2.392		-0.707	0.831
-1.575		-0.131	1.016			-0.495	
-1.377		0.523	-1.35	0.76		-0.08	1.245
-1.379		0.48				-0.346	0.536
-1.432							
-1.447			-3.628	3.322		-0.427	1.523
-1.578	-1.734	-0.295	2.879	-2.519		-1.804	0.355
-1.425	-1.786	0.431	-2.472			-1.022	3.856
-1.467	-3.577		-3.133			-1.668	2.616
-1.426	-1.733			-1.725			
-1.392		0.604		-1.004		0.184	1.87

-1.442	-8.189	0.758	1.921	-12.071	0.834		2.532
-1.632	4.614				1.675	4.256	-1.271
-1.665	1.49		0.781	-1.473	1.058	2.076	-0.495
-1.443						0.207	-0.489
-1.501	0.377					0.732	
-1.458				-0.316		0.357	
-1.46	-2.527			-2.765			0.738
-1.602		0.389	5.237	-5.937	0.788		
-1.465					0.481	0.293	-1.608
-1.403		0.459			0.088	-0.618	1.129
-1.613	-0.319	-0.392	3.187	-1.398		-1.518	
-1.523	0.117	-0.085				0.506	
-1.515			-0.459		0.549		-0.093
-1.51			-3.4	2.421	0.5		1.285
-1.617	-0.027		0.191	-1.469	0.798	0.976	
-1.455			-3.087	2.439			1.498
-1.464			-0.822				2.111
-1.447				0.132			-0.388
-1.463			-0.122				0.207
-1.458	-0.165					-0.145	
-1.408	-7.154	0.189	2.376	-8.044		-2.18	1.318
-1.422	-0.861		-0.89				
-1.512				0.191		0.217	
-1.599	0.369		-2.587		1.02	1.31	2.519
-1.437	-1.883		-0.238	-1.638			
-1.576	-1.308		1.13	-2.398	0.582		-0.568
-1.519							
-1.53	5.843	0.248	-1.004	6.168		1.124	
-1.476				-0.618		0.478	0.563
-1.471	-0.143				0.431		-1.253
-1.509			2.069	-1.701			-0.458
-1.444			-0.505			0.171	0.857
-1.511	-1.394	-0.154				-1.025	
-1.493				-0.102	0.488		-0.814
-1.567	2.332				0.788	2.001	
-1.574	0.454		-1.93		1.019	1.654	0.195
-1.46		-0.091					
-1.545		-0.026		0.436		0.127	
-1.451					0.021		0.663
-1.471	-2.541			-3.339			2.262
-1.674		0.319			0.474		
-1.501			3.038	-3.531			1.095
-1.464					0.219	-0.489	0.926
-1.433	-6.232		1.643	-6.301		-1.674	
-1.421			-1.382	1.322			
-1.564	0.44				0.394		0.644
-1.519	-0.014	0.085				0.499	
-1.409	-3.903			-2.776		-1.266	

-1.576	3.96	-0.108	0.701	3.757			0.131
-1.612	-4.04		2.571	-8.353	1.223	1.315	-0.636
-1.41	-0.91	0.534	-0.978	-1.071			2.686
-1.424			-1.996	2.04		-0.14	
-1.465	-1.037		-2.007				2.515
-1.446				-0.403		0.122	0.783
-1.451				-0.42			1.122
-1.481	-4.906		3.73	-8.427			
-1.404		0.555	-2.191	1.039		-0.219	3.095
-1.477		0.024					
-1.464		0.204					0.71
-1.625				-0.526	0.692		
-1.434		0.222			-0.095		0.722
-1.477	-7.143		-0.337	-5.57		-2.341	2.41
-1.693					0.543		
-1.7					0.587		
-1.589		0.497	3.114	-3.585	0.565		
-1.431			-0.233			0.232	
-1.428	-0.296					-0.317	
-1.569			-3.731		1.423	3.097	
-1.436						-0.149	0.39
-1.57					0.279	-0.359	0.759
-1.441	-1.952		-0.152	-2.11			0.865
-1.432				-0.152		0.158	
-1.509		0.347					
-1.472	2.055	0.302	-1.23	3.227			0.442
-1.482	3.246	0.271	-1.286	4.479		0.234	
-1.435	0.063						0.217
-1.464	1.032	0.338	-1.278	2.195		-0.192	0.921
-1.457		0.343	-1.022	1.016		-0.402	1.073
-1.479	0.378					0.239	0.602
-1.379	0.79	0.598				0.289	1.032
-1.451	-0.891	0.364	-0.884			-0.565	1.345
-1.459					-0.007		0.669
-1.649	0.374				0.629		
-1.445	0.072					-0.255	0.889
-1.472	0.281				0.479		-0.211
-1.375	-1.551	0.445	0.904	-2.549			
-1.401		0.424			0.239	-0.257	-0.113
-1.383	-2.476	0.406	0.812	-2.99		-0.427	
-1.46			-2.701	1.705			2.48
-1.61				-0.753	0.837		
-1.615	0.771				0.811		
-1.472	0.415	0.283		0.716		-0.285	0.259
-1.415	-8.129		4.152	-10.268		-2.073	
-1.458	-4.726		4.475	-8.988			
-1.425	-2.894	0.452	-1.031	-2.008		-0.912	2.248
-1.441		0.46	1.679	-2.421			1.585

-1.372	-1.371	0.407		-1.282		-0.238	
-1.65			-0.309		0.624		
-1.553		0.33			0.174		0.709
-1.448	-4.594	0.356	4.446	-8.897			
-1.434			-2.876	2.628		-0.447	1.452
-1.471	1.291					1.499	
-1.542	7.066		-1.342	8.774		0.79	-1.726
-1.5		0.497	-4.353		1.384	3.782	
-1.457					0.431	0.003	-0.806
-1.59	-3.278			-3.932	0.939		
-1.575		-0.092	-2.507		1.199	1.892	
-1.42		0.55	2.258	-3.419		1.285	
-1.871			9.359	-10.288	1.257		
-1.417	1.826	0.418				1.963	
-1.462				-1.111		1.31	
-1.563			-2.473		1.164	1.871	
-1.46			-0.578			0.459	0.373
-1.368	-0.236	0.464	-0.457			0.073	
-1.367		0.5	-0.16	-0.221		0.253	
-1.7					0.531	0.024	
-1.57		0.35		-0.613	0.616		
-1.411	-1.873		-1.182			-0.825	
-1.545	-0.277	-0.301				0.176	
-1.796			9.152	-10.004	1.206		-0.323
-1.579	0.557	0.378			0.565		
-1.46	-1.545		-1.601	-0.447			1.284
-1.435	-0.419					-0.173	-0.672
-1.516							
-1.43	-2.384		0.94	-3.277			
-1.454			-3.883	3.461		-0.441	1.862
-1.433		-0.028					
-1.605				-0.651	0.783		
-1.657			2.03	-2.481	0.682		
-1.449				-0.185		0.332	-0.304
-1.427	13.193	0.698		10.135		2.812	
-1.543						0.244	
-1.428	-4.461	0.322	5.001	-9.315			
-1.464			-0.921			0.145	2.041
-1.456	-9.356		7.54	-15.241		-1.47	
-1.56			0.193				
-1.511							
-1.535	-0.082						
-1.679		0.272			0.517		
-1.533				0.064			
-1.631	0.495				0.714		
-1.408	2.67	0.619	0.822			1.969	
-1.626		0.315	-0.278		0.54		
-1.448	16.795	0.894		13.361		3.035	

-1.679		0.263			0.493		
-1.644			-0.367		0.67		
-1.471	-2.252		-0.487	-2.628			2.388
-1.508		0.489	2.849	-2.815			
-1.675		0.319			0.474	0.003	
-1.478			1.079	-2.041		1.166	
-1.485	-6.86		4.883	-10.937		-0.606	
-1.419			-1.52	1.555		-0.114	
-1.699					0.583		
-1.622	2.323	0.516	1.916		0.447		
-1.649			-0.318		0.674		
-1.452				-0.529		0.134	1.105
-1.388	-4.978	0.272	2.684	-6.642		-1.119	
-1.431		0.2			-0.082		0.727
-1.677					0.569	-0.165	
-1.585	-2.754			-3.469	0.955		
-1.405	3.578	0.599		1.432		2.269	
-1.602				-0.795	0.866		
-1.457			-3.548	2.789		-0.503	2.958
-1.579	0.775	0.241			0.709		
-1.697					0.589	-0.024	
-1.608	0.802				0.836		
-1.548		0.339	0.163				
-1.582		0.215		-0.735	0.739		
-1.432	-0.219					-0.331	0.251
-1.468	1.315					1.469	
-1.476	0.141	0.373					
-1.56		0.291		-0.7	0.688		
-1.509		0.328					
-1.492		0.356		-0.07			
-1.507		0.339					
-1.518		0.339				0.057	
-1.545	2.141	0.539	2.125				
-1.412		0.518	2.622	-3.7		1.202	
-1.439		0.18		-1.232		1.404	
-1.548			1.808	-1.682			
-1.474	2.243	0.297	-1.206	3.396		0.045	0.349
-1.66	0.621		0.281		0.611		
-1.434	-2.584	0.446	3.477	-6.522		0.598	
-1.571	0.625	0.326			0.627		
-1.463	1.327					1.531	
-1.61	0.057			-0.698	0.835		
-1.468	0.821			-0.438		1.461	
-1.578	-2.18	0.186		-2.816	0.801		
-1.473	1.358		0.091			1.479	
-1.854			8.433	-9.588	1.226		0.605
-1.419	1.852	0.459				1.986	
-1.575		-0.089	-2.509		1.198	1.894	

-1.507	9.755			7.681		1.922
-1.413	1.873	0.462				2.023
-1.463				-1.122		1.326
-1.462				-1.111		1.309
-1.64	3.042	0.467	2.567		0.525	
-1.551			0.178			
-1.531						0.153
-1.513						
-1.463			1.819	-2.66		1.045
-1.473			-0.573			0.81
-1.51	0.031					
-1.516				0.002		
-1.567	0.633		0.785			
-1.491		0.452	3.369	-3.328		
-1.439	-7.068	0.195	6.457	-12.573		-0.794
-1.676	1.503		1.098		0.68	
-1.536						0.227
-1.555			0.209			
-1.628		0.266	-0.288		0.585	
-1.52			2.664	-2.532		
-1.524	-0.064					
-1.523				0.054		
-1.631		0.238	-0.316		0.586	
-1.683		0.239			0.527	
-1.521	-0.637			-0.566		
-1.646			-0.361		0.695	
-1.674		0.272			0.518	-0.029
-1.667		0.251			0.503	-0.099
-1.68					0.602	-0.165
-1.42		0.365		-1.515		1.733
-1.51	2.752	0.499		2.546		
-1.573	0.808	0.217			0.739	
-1.573		0.191		-0.783	0.776	
-1.6		0.363	0.808			-0.718
-1.575	-1.981	0.144		-2.693	0.854	
-1.581	3.478	0.315		2.635	0.594	
-1.541	2.331	0.515	2.324			
-1.591	-1.67			-2.42	0.921	
-1.405	3.535	0.606		1.391		2.268
-1.686			1.794			-1.789
-1.561	5.824			5.539		
-1.548		0.317	0.162			
-1.547		0.328	0.169			
-1.441		0.236		-1.277		1.442
-1.471	0.169	0.349				
-1.473	0.145	0.365				
-1.467	1.32					1.476
-1.49		0.335		-0.078		

-1.489		0.347		-0.072		
-1.507		0.325				
-1.515		0.325				0.038
-1.514		0.333				0.048
-1.463	1.63		0.374			1.468
-1.523	7.554	0.475		7.029		
-1.463	1.122			-0.186		1.511
-1.559	1.032		1.185			
-1.516	10.249			8.151		1.916
-1.416	1.876	0.479				2.018
-1.461				-1.129		1.336
-1.551			0.186			
-1.53						0.152
-1.508	0.03					
-1.671			1.466			-1.327
-1.514				0.003		
-1.632		0.216	-0.316		0.613	
-1.517	-0.361			-0.302		
-1.669		0.227			0.535	-0.103
-1.64		0.26	1.346			-1.324
-1.506	2.699	0.49		2.493		
-1.421		0.372		-1.513		1.726
-1.617		0.33	1.063			-0.975
-1.574	1.482	0.238		0.661	0.707	
-1.698			1.998			-1.983
-1.577	2.476	0.492	2.849			-0.425
-1.54	8.658	0.517		8.071		
-1.564	5.967			5.675		
-1.547		0.313	0.166			
-1.469	0.168	0.347				
-1.488		0.333		-0.079		
-1.513		0.323				0.034
-1.651		0.233	1.524			-1.499

Distance_t	Precipitati	Precipitati	SoilPC1	SoilPC2	Genus	df	logLik	AICc
	-4.761		-1.654		1.065	12	-461.442	947.339
	-3.196		-1.522		0.928	11	-462.943	948.271
0.894	-3.531		-1.44		0.385	12	-462.137	948.728
	-3.517	0.41	-1.497		1.043	12	-462.143	948.74
	-2.576	1.233		0.613	1.044	11	-463.208	948.799
	-3.545		-1.451		1.04	12	-462.22	948.893
	-4.943		-1.883	-0.111	1.103	13	-461.203	948.938
0.88	-4.818		-1.664		0.416	13	-461.311	949.153
	-4.683	0.13	-1.629		1.092	13	-461.383	949.297
	-4.892		-1.599		1.053	13	-461.406	949.342
	-4.788		-1.665		1.06	13	-461.44	949.411
0.916	-2.601			0.521	0.357	11	-463.533	949.45
	-3.847		-1.326		0.929	12	-462.522	949.498
	-6.616		-2.902	-0.407	1.045	14	-460.468	949.55
0.892	-6.5		-2.813	-0.381	0.392	14	-460.473	949.56
	-4.44		-0.734		0.969	11	-463.599	949.582
	-3.451		-1.755	-0.128	0.979	12	-462.692	949.838
	-2.61			0.515	1.029	11	-463.81	950.004
	-4.213		-1.258		1.046	13	-461.799	950.129
	-3.291	1.311	-0.356	0.595	1.032	12	-462.879	950.211
0.889	-4.047		-1.276		0.393	13	-461.866	950.262
	-4.003	0.381	-1.33		1.039	13	-461.879	950.289
	-5.173		-1.171	-0.307	1.131	12	-462.927	950.309
	-4.47		-1.601	-0.234	1.037	13	-461.895	950.32
	-5.27	1.112	-1.902		1.07	14	-460.89	950.392
	-2.648	10.307	-3.588	1.221	1.035	15	-459.912	950.525
	-5.625	3.297	-3.333		1.037	15	-459.966	950.634
0.869	-5.139	0.824	-1.824		0.432	14	-461.022	950.657
0.906	-2.612	10.034	-3.584	1.206	0.368	15	-459.986	950.673
	-3.449	0.576	-1.282	0.116	1.04	13	-462.072	950.675
	-5.247		-1.813	-0.152	1.106	14	-461.055	950.724
0.898	-3.491		-1.324	0.058	0.378	13	-462.112	950.755
	-2.477	1.405		0.646	1.036	12	-463.153	950.76
	-5.459	-0.36	-2.232	-0.243	1.082	14	-461.075	950.763
0.892	-3.521	0.132	-1.453		0.388	13	-462.128	950.786
	-5.665	4.837	-3.972		1.024	14	-461.088	950.789
1.229	-3.525		-1.435		0.139	13	-462.13	950.791
	-3.522	0.39	-1.494		1.044	13	-462.143	950.816
0.901	-5.553	3.072	-3.303		0.374	15	-460.058	950.819
0.904	-2.576	1.047		0.602	0.374	12	-463.182	950.819
	-2.715	1.309		0.648	1.04	12	-463.187	950.828
	-2.707	1.214		0.6	1.043	12	-463.203	950.86
	-2.569	1.358		0.622	1.042	12	-463.203	950.861
3.272	-2.601			0.531	-1.374	12	-463.239	950.932
	-3.521		-1.388	0.031	1.038	13	-462.212	950.955
	-7.256	-3.155	-1.982	-0.804	1.073	14	-461.19	950.994
0.912	-3.395			0.467	0.363	12	-463.287	951.029

0.915	-5.622	4.654	-3.957		0.351	14	-461.209	951.03
0.918	-3.199		-0.301	0.497	0.348	12	-463.294	951.043
	-7.637		-3.506	-0.67	1.034	13	-462.312	951.155
	-3.676			0.443	1.034	12	-463.363	951.18
1.479	-4.826		-1.658		-0.023	14	-461.287	951.186
0.905	-7.518		-3.428	-0.651	0.371	13	-462.346	951.223
0.867	-7.289	-3.429	-1.963	-0.821	0.435	14	-461.31	951.234
0.879	-4.808		-1.674		0.417	14	-461.311	951.234
	-4.804	0.135	-1.57		1.082	14	-461.348	951.309
	-6.533	0.625	-2.841	-0.349	1.049	15	-460.309	951.319
	-4.705		-0.637		1.021	12	-463.46	951.374
	-5.112			0.281	1.007	11	-464.496	951.376
0.911	-6.012	-2.573			0.361	11	-464.504	951.391
0.917	-2.513			0.543	0.352	12	-463.477	951.407
	-4.878		-1.587		1.056	14	-461.405	951.422
-6.56	-6.499		-1.853	-0.502	5.917	14	-461.415	951.443
	-5.324	-0.407	-1.648	-0.496	1.059	13	-462.458	951.446
	-6.739		-2.816	-0.429	1.049	15	-460.396	951.493
	-6.057	-2.374			1.04	11	-464.565	951.513
0.914	-2.552			0.51	0.36	12	-463.529	951.513
	-4.57	0.118	-0.68		1.006	12	-463.531	951.517
	-4.733		-0.716		0.992	12	-463.55	951.554
0.889	-6.448	0.345	-2.779	-0.351	0.396	15	-460.427	951.555
-6.78	-6.525	3.48	-2.558		6.058	15	-460.439	951.579
	-3.194		-0.3	0.49	1.021	12	-463.576	951.605
0.397	-6.566		-2.863	-0.396	0.755	15	-460.459	951.619
0.89	-6.534		-2.786	-0.388	0.394	15	-460.467	951.636
		11.658	-3.104	1.493	1.031	14	-461.521	951.655
0.934	-4.937			0.282	0.314	11	-464.708	951.8
0.903		11.347	-3.083	1.474	0.366	14	-461.601	951.815
	-6.887	-0.871	-2.578	-0.518	1.06	15	-460.566	951.834
0.917	-4.55		-0.612		0.344	12	-463.717	951.888
	-2.351	12.069	-4.171	1.27	1.026	14	-461.664	951.941
	-2.508			0.539	1.024	12	-463.752	951.959
0.918	-2.336	11.829	-4.182	1.258	0.349	14	-461.689	951.992
-7.85	-8.635		-2.839	-0.79	6.842	15	-460.65	952.003
	-7.308	-1.238	-2.382	-0.771	1.049	14	-461.699	952.012
	-5.109		-1.434	-0.397	1.088	13	-462.757	952.045
		15.158	-3.409	2.136	1.042	15	-460.676	952.053
	-2.521			0.498	1.031	12	-463.8	952.055
	-4.676	0.613		0.331	0.989	11	-464.853	952.089
	-4.36		-1.41	-0.103	1.057	14	-461.748	952.108
	-3.793	1.082	-0.52	0.533	1.041	13	-462.813	952.157
-0.721	-4.365		-1.239		1.575	14	-461.783	952.179
	-4.261	-0.102	-1.238		1.045	14	-461.796	952.205
-4.522	-5.795		-0.754		4.355	13	-462.846	952.223
0.898		14.801	-3.401	2.106	0.379	15	-460.77	952.241
	-3.265	1.421	-0.351	0.602	1.031	13	-462.874	952.278

0.894	-4.184	-0.319	-1.218		0.386	14	-461.833	952.28
	-3.248	1.322	-0.358	0.599	1.033	13	-462.877	952.286
0.908	-3.242	1.102	-0.336	0.582	0.361	13	-462.883	952.296
	-4.23	0.216	-1.466	-0.113	1.043	14	-461.851	952.316
	-3.929	7.114	-3.552	0.637	1.031	16	-459.763	952.322
0.884	-4.117		-1.344	-0.046	0.401	14	-461.856	952.324
0.907	-4.723	-2.048			0.374	12	-463.949	952.351
	-5.044		-1.189	-0.313	1.117	13	-462.91	952.351
	-4.932		-0.956	0.308	0.988	12	-463.982	952.419
-2.876	-2.84	11.125	-3.595	1.259	3.156	16	-459.815	952.427
-3.228	-5.946	4.085	-3.418		3.415	16	-459.827	952.451
	-4.76	-1.86			1.05	12	-464.008	952.469
0.909	-3.839	6.959	-3.544	0.645	0.362	16	-459.837	952.471
	-7.358	0.944	-3.405	-0.589	1.039	14	-461.935	952.483
-3.232	-5.853	5.52	-4.018		3.405	15	-460.905	952.512
	-4.393	7.37	-4.111	0.429	1.019	15	-460.918	952.538
	-4.612			0.268	0.971	11	-465.085	952.554
3.157	-3.186		-0.291	0.508	-1.297	13	-463.016	952.563
-6.933	-9.11		-3.443	-1.002	6.15	14	-461.978	952.57
	-8.443	-2.08	-2.916	-1.018	1.058	13	-463.02	952.572
	-4.197	-2.178			1.033	13	-463.032	952.595
0.915	-4.181	-2.355			0.351	13	-463.036	952.603
	-3.568				1.104	11	-465.154	952.692
0.912	-3.927		-0.285	0.449	0.355	13	-463.084	952.699
0.922	-4.245	7.412	-4.119	0.466	0.339	15	-461	952.702
-3.429	-5.623			0.27	3.551	12	-464.125	952.704
0.849	-4.972		-1.384	-0.388	0.463	13	-463.097	952.725
-2.946	-7.171	-2.186	-2.033	-0.739	3.243	15	-461.017	952.736
	-3.441	0.637	-1.283	0.12	1.039	14	-462.071	952.754
0.898	-3.448	0.339	-1.27	0.104	0.378	14	-462.071	952.756
0.907	-2.483	1.033		0.623	0.367	13	-463.131	952.793
	-5.654	-1.356		0.175	1.009	12	-464.173	952.799
1.485	-3.471		-1.282	0.075	-0.053	14	-462.094	952.801
	-4.237			0.205	1.029	12	-464.187	952.829
	-2.48	1.348		0.645	1.037	13	-463.151	952.832
	-2.518	1.414		0.652	1.036	13	-463.152	952.834
	-2.533	1.393		0.639	1.036	13	-463.152	952.834
	-4.224		-0.284	0.425	1.028	13	-463.161	952.853
0.906	-2.684	1.09		0.628	0.37	13	-463.168	952.867
0.94	-3.526	0.123	-1.454		0.352	14	-462.128	952.869
1.447	-2.575	0.854		0.589	-0.027	13	-463.179	952.889
	-7.846	-3.055	-2.264	-0.878	1.065	15	-461.094	952.889
0.9	-7.293	0.717	-3.348	-0.591	0.377	14	-462.138	952.89
0.935	-5.665	-1.701		0.15	0.317	12	-464.218	952.89
	-2.706	1.428		0.656	1.039	13	-463.182	952.895
0.905	-2.614	1		0.595	0.373	13	-463.182	952.895
0.911	-3.333			0.492	0.358	13	-463.185	952.9
	-2.757	1.307		0.646	1.04	13	-463.186	952.903

-4.395	-6.974	2.096	-3.111	-0.319	4.283	16	-460.055	952.907
3.273	-2.519			0.553	-1.379	13	-463.19	952.91
	-2.312				0.981	10	-466.303	952.925
	-2.682	1.26		0.607	1.042	13	-463.202	952.935
0.851	-3.457				0.475	11	-465.284	952.952
	-7.756		-3.393	-0.709	1.039	14	-462.171	952.955
	-5.144	-1.038	-0.52		1.006	13	-463.219	952.968
2.664	-2.912			0.508	-0.927	13	-463.224	952.98
0.918		3.445		0.976	0.343	12	-464.274	953.002
3.295	-2.623			0.535	-1.391	13	-463.238	953.007
	-3.627			0.471	1.029	13	-463.239	953.008
0.917	-3.742		-0.494	0.446	0.351	13	-463.239	953.009
		13.119	-3.632	1.501	1.026	13	-463.252	953.035
		3.692		0.989	1.021	12	-464.301	953.056
	-6.976	-2.898	-1.942	-0.742	1.073	15	-461.182	953.067
0.909	-3.308			0.447	0.367	13	-463.279	953.089
0.912		12.859	-3.626	1.487	0.353	13	-463.291	953.113
2.826	-4.726		-1.867		-1.014	15	-461.213	953.127
0.916	-4.073			0.201	0.351	12	-464.358	953.169
	-2.72			0.404	0.961	11	-465.4	953.183
0.937	-5.071	-1.325	-0.462		0.312	13	-463.338	953.206
0.873	-7.742	-3.35	-2.178	-0.878	0.425	15	-461.253	953.208
0.902	-7.576		-3.364	-0.673	0.375	14	-462.306	953.226
	-3.555			0.417	1.038	13	-463.348	953.226
0.125	-7.621		-3.495	-0.667	0.942	14	-462.311	953.235
0.864	-6.763	-2.948	-1.887	-0.706	0.438	15	-461.282	953.265
0.913	-6.185	-2.786			0.356	12	-464.406	953.266
	-4.803				1.076	10	-466.501	953.32
	-4.426		-0.575		1.027	13	-463.407	953.345
	-6.259	-2.618			1.036	12	-464.447	953.347
0.918	-6.336	-2.497	-0.117		0.347	12	-464.455	953.364
	-3.823	0.466		0.234	1.016	12	-464.46	953.374
0.914	-2.254			0.513	0.358	13	-463.431	953.393
	-6.537	-2.282	-0.163		1.027	12	-464.471	953.395
-2.813	-7.428		-2.904	-0.558	3.12	16	-460.301	953.399
2.092	-5.917	-2.806			-0.518	12	-464.474	953.401
	-7.018		-2.57	-0.756	1.059	13	-463.439	953.408
	-4.841		0.087	0.297	1.011	12	-464.477	953.409
-5.554	-7.754	2.489	-3.717	-0.565	5.125	15	-461.368	953.438
	-5.087			0.283	1.006	12	-464.493	953.44
0.912	-6.022	-2.571			0.36	12	-464.503	953.461
	-2.614			0.186	0.913	11	-465.54	953.464
-5.821	-6.206		-1.808	-0.456	5.372	15	-461.408	953.517
	-6.144		-1.941	-0.548	1.073	14	-462.453	953.519
	-6.189	-2.383			1.033	12	-464.549	953.553
	-3.091				1.114	12	-464.555	953.565
	-3.724		-0.487	0.441	1.023	13	-463.525	953.58
	-4.598	0.113	-0.681		1.006	13	-463.531	953.593

-2.012		12.343	-3.139	1.534	2.515	15	-461.449	953.6
	-4.426				1.045	10	-466.675	953.669
0.869	-4.644				0.432	10	-466.69	953.699
	-6.578		-0.556		1.042	11	-465.667	953.718
	-3.004	0.332			1.076	11	-465.68	953.745
	-3.229			0.321	0.852	10	-466.724	953.767
0.929	-4.57		0.13	0.304	0.324	12	-464.666	953.787
	-3.389				0.991	11	-465.702	953.788
-3.49		16.676	-3.427	2.279	3.617	16	-460.521	953.838
0.932	-4.95			0.282	0.316	12	-464.708	953.87
0.911	-4.257		-0.55		0.355	13	-463.671	953.873
	-2.198			0.501	1.029	13	-463.685	953.901
0.836	-3.025				0.496	12	-464.736	953.926
	-5.675		-0.903	0.27	0.99	13	-463.731	953.992
-6.09	-8.599	-0.938	-2.777	-0.852	5.543	16	-460.598	953.993
-0.352	-2.358	12.161	-4.167	1.274	1.286	15	-461.662	954.025
	-4.283	1.56	-0.711	0.519	1.038	14	-462.71	954.032
-7.929	-6.062	1.347	-0.993		6.893	14	-462.71	954.032
	-4.769	0.452		0.311	0.995	12	-464.794	954.042
-4.751	-5.373		-0.667		4.533	14	-462.735	954.084
0.904	-4.141	1.215	-0.654	0.507	0.371	14	-462.751	954.115
	-4.398	0.635	0.099	0.35	0.995	12	-464.831	954.116
0.878	-6.792		-2.471	-0.732	0.414	13	-463.798	954.127
	-5.557		-0.267	0.215	0.981	12	-464.881	954.216
	-3.653			0.17	1.036	13	-463.846	954.222
	-3.166				1.034	11	-465.919	954.222
	-3.95			0.33	0.965	12	-464.89	954.234
	-3.779	1.092	-0.519	0.535	1.041	14	-462.813	954.239
-2.617	-4.232	7.582	-3.57	0.619	2.961	17	-459.675	954.248
-1.216	-4.377	0.196	-1.263		1.942	15	-461.778	954.258
	-4.75	-1.326		0.105	1.028	13	-463.867	954.265
0.92	-4.718	-1.654		0.078	0.347	13	-463.872	954.274
0.863	-5.923		-1.851	-0.526	0.439	14	-462.835	954.283
	-2.902	1.8	-0.378	0.66	1.03	14	-462.853	954.32
0.91	-2.83	1.532	-0.367	0.648	0.359	14	-462.856	954.324
0.962	-5.167		-1.521		0.269	12	-464.948	954.351
-0.01	-3.269	1.437	-0.353	0.604	1.039	14	-462.874	954.361
	-3.885			0.219	0.973	12	-464.958	954.371
1.934	-4.697	-2.258			-0.391	13	-463.926	954.382
0.906	-4.705	-2.047			0.376	13	-463.948	954.427
-4.609	-8.729		-3.529	-0.902	4.432	15	-461.864	954.43
-2.775	-4.787			0.214	3.081	13	-463.956	954.442
	-4.517	-1.682	-0.255		1.014	14	-462.916	954.446
0.926		4.304		1.224	0.327	13	-463.959	954.449
-2.353	-4.832	7.218	-4.095	0.32	2.754	16	-460.833	954.462
-2.275	-3.876				2.784	12	-465.005	954.465
		4.637		1.25	1.01	13	-463.97	954.47
3.156	-3.759		-0.494	0.456	-1.294	14	-462.959	954.531

	-4.842	-1.864			1.045	13	-464.002	954.534
-4.317	-5.855			0.281	4.205	13	-464.01	954.551
	-8.512	-2.113	-3.008	-1.007	1.06	14	-462.977	954.568
	-8.186	-1.629	-2.873	-0.968	1.053	14	-462.977	954.568
0.927	-4.392	-2.016	-0.175		0.329	14	-462.983	954.579
	-5.738		-1.341		1.083	11	-466.101	954.585
-3.86	-5.387				3.939	11	-466.109	954.601
0.905	-4.172	-2.652		-0.052	0.37	14	-463.005	954.623
0.906	-4.043	-2.371			0.368	14	-463.008	954.629
	-7.105		-1.138		1.07	12	-465.09	954.635
2.835	-3.33		-0.287	0.496	-1.06	14	-463.013	954.638
-7.406	-9.054	0.273	-3.443	-0.98	6.499	15	-461.971	954.643
0.905	-3.545			0.167	0.368	13	-464.061	954.653
	-4.189	-2.317		-0.024	1.038	14	-463.026	954.665
	-3.774				1.092	12	-465.106	954.667
	-4.141	-2.191			1.037	14	-463.028	954.668
0.353	-4.183	-2.25			0.769	14	-463.029	954.672
0.927		3.972	-0.283	1.041	0.323	13	-464.079	954.688
		4.306	-0.298	1.062	1.006	13	-464.086	954.702
-4.406	-8.153	-2.646	-2.208	-0.93	4.316	16	-460.962	954.721
-3.952	-6.046		-0.102	0.25	3.934	13	-464.098	954.727
	-5.824	-1.613		0.165	1.006	13	-464.1	954.73
	-5.806		-0.307		1.055	11	-466.181	954.746
0.913	-4.123		-0.375	0.431	0.356	14	-463.076	954.765
-2.644	-5.676	-0.381		0.243	2.968	13	-464.118	954.767
0.907	-2.97			0.426	0.368	14	-463.078	954.769
	-5.137		-1.507		0.974	12	-465.165	954.785
		14.29	-3.76	1.705	1.03	14	-463.086	954.785
	-3.148			0.392	1.037	14	-463.086	954.785
0.43	-3.443	0.49	-1.277	0.112	0.723	15	-462.068	954.838
0.911		14.07	-3.764	1.698	0.358	14	-463.113	954.839
0.934	-5.814	-1.938		0.141	0.314	13	-464.155	954.841
0.909	-2.747	0.789		0.589	0.364	14	-463.124	954.862
1.376	-2.498	0.866		0.613	0.021	14	-463.128	954.87
0.907	-2.47	1.012		0.619	0.367	14	-463.131	954.875
	-5.596	-1.373	0.02	0.177	1.01	13	-464.172	954.875
	-2.81	1.041		0.599	1.035	14	-463.139	954.891
		2.117		0.94	0.991	12	-465.224	954.902
	-4.242	-0.571			1.018	10	-467.296	954.911
	-2.506	1.357		0.648	1.037	14	-463.15	954.914
	-2.552	1.405		0.646	1.036	14	-463.151	954.915
2.17	-2.979			0.52	-0.569	14	-463.154	954.921
-3.514	-3.455				3.707	13	-464.199	954.929
	-4.288		-0.317	0.418	1.028	14	-463.16	954.933
0.907	-2.494	1.357		0.679	0.368	14	-463.162	954.938
-6.36	-7.887		-0.547		5.762	12	-465.243	954.94
1.198	-2.677	0.989		0.62	0.154	14	-463.168	954.948
	-4.238				1.081	9	-468.345	954.951

0.933	-5.509	-1.674	0.046	0.161	0.319	13	-464.214	954.959
	-2.536	1.654		0.7	1.038	14	-463.178	954.968
3.145	-2.379			0.534	-1.282	14	-463.178	954.968
1.45	-2.594	0.846		0.589	-0.03	14	-463.179	954.971
0.858	-3.605				0.462	12	-465.261	954.977
		1.363		0.812	1.014	11	-466.301	954.985
0.921		3.367		0.978	0.337	13	-464.261	955.052
2.628	-2.889			0.503	-0.9	14	-463.224	955.061
0.941	-6.091		-1.382		0.309	11	-466.342	955.068
1.478		3.245		0.966	-0.07	13	-464.269	955.069
0.886	-8.074	-1.821	-2.796	-0.963	0.403	14	-463.239	955.091
		3.652		0.996	1.016	13	-464.285	955.1
-0.571		13.283	-3.636	1.509	1.447	14	-463.246	955.104
	-2.827				0.923	9	-468.462	955.186
	-5.445	1.564	-1.818		0.997	13	-464.342	955.214
0.883	-5.604		-0.279		0.402	11	-466.433	955.25
	-3.901	0.489			1.025	10	-467.465	955.25
	-2.694			0.401	0.961	12	-465.399	955.253
	-4.764				1.077	11	-466.44	955.264
	-6.881	-0.427	-0.677		1.002	12	-465.413	955.281
	-4.129		0.356	0.367	1.015	13	-464.38	955.29
	-5.104				1.07	11	-466.456	955.295
0.942			0.909	0.77	0.297	12	-465.424	955.303
1.7	-6.108	-2.929			-0.23	13	-464.395	955.322
0.912	-6.117	-2.831	0.026		0.358	13	-464.405	955.341
0.911	-6.15	-2.79			0.359	13	-464.406	955.342
	-3.082			0.137	0.934	12	-465.445	955.344
	-3.55	0.613		0.231	1.017	13	-464.409	955.349
0.91	-6.331	-2.424	-0.208		0.36	13	-464.422	955.376
0.945	-5.388	1.258	-1.758		0.298	13	-464.427	955.385
		2.184	0.839	0.883	0.986	12	-465.467	955.388
	-6.345	-2.617			1.031	13	-464.44	955.411
	-6.405	-2.519	-0.064		1.031	13	-464.442	955.414
	-3.504	0.231			1.055	12	-465.483	955.42
-3.911	-4.241			0.179	3.928	14	-463.405	955.424
3.336	-5.569	-3.033			-1.427	13	-464.447	955.425
1.299	-6.252	-2.585	-0.099		0.064	13	-464.453	955.437
	-6.544	-2.237	-0.223		1.032	13	-464.456	955.442
	-4.946				1.04	11	-466.549	955.481
	-5.996		-1.346		0.999	11	-466.552	955.487
0.907	-6.432		-1.578		0.369	12	-465.522	955.498
-7.542	-7.37				6.631	12	-465.526	955.505
	-4.103				1.035	10	-467.608	955.536
	-3.272				1.1	13	-464.512	955.554
0.909	-4.026				0.365	10	-467.624	955.566
0.873	-4.598				0.428	11	-466.603	955.59
	-4.69				0.943	10	-467.644	955.607
8.293				0.739	-5.103	12	-465.58	955.613

	-3.918		-0.216	0.285	0.856	11	-466.615	955.614
	-5.849	-0.959	-0.49		0.988	11	-466.637	955.657
	-3.745			0.282	0.867	11	-466.64	955.663
0.925	-3.908		0.39	0.373	0.331	13	-464.573	955.677
	-4.407	-0.079			1.035	11	-466.665	955.713
	-3.634				1.018	12	-465.631	955.716
0.872	-4.885				0.425	11	-466.672	955.727
	-6.695		-0.617		1.03	12	-465.651	955.756
		6.801		1.649	1.029	14	-463.574	955.76
0.913		6.402		1.609	0.355	14	-463.575	955.763
	-2.842	0.438			1.083	12	-465.659	955.772
			0.907	0.761	0.989	12	-465.665	955.785
	-4.679		-0.545		0.912	10	-467.743	955.806
	-6.205		-0.703		0.995	11	-466.712	955.808
	-6.352		-1.549		1.033	12	-465.719	955.892
0.942	-5.996		-0.669		0.302	11	-466.772	955.927
	-1.184			0.286	0.892	11	-466.788	955.96
0.845	-3.144				0.48	13	-464.715	955.961
	-3.427				1.078	10	-467.831	955.98
	-1.467			0.397	0.846	10	-467.844	956.006
-12.745	-7.301	6.821	-1.848	0.632	10.518	15	-462.68	956.061
-4.204	-4.907				4.18	13	-464.771	956.073
-15.064	-7.906	4.206	-1.701		12.207	15	-462.697	956.096
2.853	-5.183		-1.523		-1.118	13	-464.785	956.1
		2.117	0.402	0.923	1.005	13	-464.787	956.104
	-4.906	0.39	-0.047	0.294	0.996	13	-464.791	956.113
0.949	-4.012			0.192	0.291	11	-466.87	956.124
	-4.276	-0.57		0.138	0.991	11	-466.889	956.163
	-4.234			0.148	1.05	10	-467.933	956.185
	-4.088			0.186	0.992	11	-466.902	956.188
0.91	-6.438		-0.586		0.359	12	-465.877	956.207
	-3.692			0.292	0.967	13	-464.862	956.256
	-4.986		-0.788		0.975	12	-465.909	956.271
	-2.926			0.281	1.047	10	-467.979	956.278
	-5.822	-0.322	-1.358		1.048	12	-465.914	956.282
-6.008	-4.591				5.51	14	-463.847	956.308
	-7.213	-0.338	-1.175		1.03	13	-464.904	956.338
0.167	-4.739	-1.384		0.1	0.904	14	-463.867	956.347
0.961	-4.861		-0.77		0.268	12	-465.953	956.361
0.936	-4.529	-1.43			0.318	11	-466.994	956.371
	-5.302	0.452	-0.404		1.007	11	-467.003	956.391
2.954	-4.464	-2.467			-1.135	14	-463.894	956.402
0.37	-2.857	1.694	-0.371	0.655	0.757	15	-462.852	956.406
0.951	-2.906			0.29	0.292	11	-467.013	956.41
0.962	-5.13		-1.525		0.27	13	-464.948	956.427
	-4.597	-1.736	0.466	0.267	1.016	14	-463.917	956.447
0.925	-4.433	-2.08	0.527	0.256	0.332	14	-463.928	956.47
-5.503	-8.104		-0.715		5.107	13	-464.976	956.483

0.925		4.326	0.028	1.236	0.327	14	-463.959	956.53
0.933		4.313		1.225	0.321	14	-463.959	956.531
		4.645	0.017	1.257	1.009	14	-463.97	956.552
	-3.606	-0.468			1.022	11	-467.09	956.564
-4.017	-5.244		0.196	0.328	3.987	14	-463.981	956.576
	-7.242		-1.269		1.046	13	-465.023	956.576
0.956	-5.279		-1.027	0.14	0.281	12	-466.071	956.596
3.849	-3.593		-0.56	0.466	-1.803	15	-462.948	956.597
-3.631	-5.894	-0.322		0.259	3.696	14	-464.006	956.624
		1.303	0.256	0.8	1.019	12	-466.094	956.643
	-4.816	-0.675			1.001	11	-467.139	956.661
-3.763	-5.378				3.868	12	-466.108	956.671
	-4.517	-1.214			1.01	11	-467.144	956.672
0.896	-7.092		-1.336		0.385	13	-465.085	956.7
1.431	-4.168	-2.85		-0.069	-0.018	15	-463.001	956.705
0.906	-4.461	-3.234		-0.158	0.369	15	-463.002	956.706
1.372	-4.003	-2.466			0.025	15	-463.005	956.712
	-5.811		-0.414		1.061	12	-466.134	956.723
		1.95		0.833	0.995	13	-465.101	956.732
3.087	-6.154		-1.41		-1.266	12	-466.141	956.737
	-4.925	-0.858	-0.562		0.98	12	-466.142	956.738
	-4.606	-3.144		-0.176	1.038	15	-463.021	956.743
0.787		4.047	-0.29	1.045	0.426	14	-464.078	956.769
-3.911	-6.045	-0.007	-0.103	0.249	3.904	14	-464.098	956.81
	-5.209		-1.439		0.975	13	-465.145	956.82
	-1.061				0.989	10	-468.253	956.825
-7.546	-8.207		-0.42		6.627	13	-465.149	956.83
-6.238	-6.052	3.794	-2.269		5.618	14	-464.111	956.836
0.938		0.996	0.882	0.843	0.304	13	-465.157	956.844
3.376			0.908	0.781	-1.492	13	-465.16	956.85
0.811	-2.999			0.423	0.439	15	-463.078	956.857
	-4.689	0.363			1.015	11	-467.237	956.858
	-2.897			0.28	0.991	11	-467.237	956.858
-0.291		14.361	-3.759	1.707	1.244	15	-463.084	956.87
	-2.769				1.085	9	-469.328	956.917
	-2.524				1.043	10	-468.301	956.922
		1.291	0.876	0.86	0.995	13	-465.199	956.928
0.941	-6.368		-1.254		0.307	12	-466.244	956.942
1.174	-2.72	0.731		0.587	0.169	15	-463.123	956.948
1.397	-2.453	0.834		0.605	0.005	15	-463.128	956.958
	-4.152		0.038		1.077	10	-468.337	956.994
	-4.176				1.08	10	-468.337	956.994
	-3.409				1.039	11	-467.308	957
0.906	-3.326				0.373	11	-467.313	957.009
0.934	-6.395	0.424	-1.507		0.318	12	-466.28	957.014
1.238	-2.476	1.255		0.673	0.124	15	-463.161	957.024
		1.336		0.799	1.014	12	-466.299	957.052
	-5.251		-1.018	0.132	0.983	12	-466.314	957.082

1.386		3.243		0.975	-0.007	14	-464.257	957.127
	-6.394		-1.164		0.998	12	-466.342	957.139
	-4.719	-0.905	-0.825		1.012	11	-467.39	957.164
0.878	-5.52		-0.41		0.411	12	-466.358	957.17
	-6.57	0.727	-1.578		1.009	12	-466.381	957.215
			1.627	0.701	0.986	12	-466.389	957.233
	-5.045				1.068	12	-466.393	957.24
2.658	-6.521		-1.609		-0.916	13	-465.37	957.27
0.942			1.018	0.776	0.298	13	-465.394	957.318
0.943			1.601	0.694	0.293	12	-466.45	957.354
2.82	-5.637	-3.436	0.189		-1.05	14	-464.372	957.357
2.893	-5.771	-3.141			-1.103	14	-464.372	957.358
		2.418	1.079	1.017	0.988	13	-465.415	957.361
0.943			0.988	0.807	0.297	13	-465.416	957.363
	-3.275	0.401			1.063	13	-465.427	957.384
		1.624		0.523	0.956	12	-466.466	957.386
2.862	-5.949	-2.837	-0.177		-1.079	14	-464.391	957.395
	-4.502				1.025	11	-467.512	957.408
0.913	-2.738				0.361	10	-468.545	957.409
-8.943	-7.865				7.667	13	-465.439	957.409
0.911	-6.126	-2.849	0.038		0.358	14	-464.405	957.424
	-5.072		-0.287		0.929	11	-467.524	957.433
	-2.928	-0.387		0.249	1.004	11	-467.531	957.445
0.875	-1.482				0.432	11	-467.533	957.45
0.967				0.434	0.241	12	-466.504	957.462
	-4.973	-0.192			1.024	12	-466.508	957.471
	-6.355	-2.621	0.001		1.031	14	-464.44	957.494
	-2.793	-0.516			1.025	10	-468.592	957.504
7.919				0.76	-4.837	13	-465.488	957.506
0.914	-4.321				0.352	11	-467.568	957.519
0.905	-6.572	0.164	-1.632		0.372	13	-465.511	957.554
0.954	-5.835	-0.925	-0.52		0.282	12	-466.553	957.56
7.843			0.147	0.734	-4.768	13	-465.519	957.569
	-1.5				1.074	11	-467.604	957.591
0.202	-4.084				0.886	11	-467.607	957.599
0.875	-4.839				0.422	12	-466.583	957.62
	-2.731				1.029	10	-468.655	957.63
	-5.844	-0.972	-0.617		0.993	12	-466.59	957.634
			1.114	0.771	0.991	13	-465.553	957.637
	-3.981		-0.146	0.274	0.863	12	-466.598	957.65
	-6.06	-0.638	-0.592		0.986	12	-466.604	957.663
8.365				0.745	-5.156	13	-465.579	957.688
	-5.545		-0.495	0.089	0.985	12	-466.624	957.703
	-3.579			0.094	1.058	11	-467.662	957.708
				0.427	0.954	12	-466.628	957.71
	-3.697			0.221	1.045	11	-467.665	957.714
	-5.755	-0.938	-0.46	0.015	0.987	12	-466.636	957.725
	-4.217	-0.862	-0.971		1.012	12	-466.641	957.736

	-3.507		0.28	0.219	1.034	11	-467.677	957.738
0.954	-5.341		-0.452	0.103	0.281	12	-466.645	957.744
0.904	-1.975				0.373	10	-468.718	957.755
	-6.805	0.494	-1.723		1.039	13	-465.639	957.809
4.556	-4.962		-1.822		-2.362	14	-464.604	957.822
0.363		6.631		1.631	0.761	15	-463.572	957.846
-0.653	-6.311		-0.719		1.474	12	-466.703	957.859
			0.92	0.769	0.988	13	-465.665	957.86
	-1.86		-0.243	0.377	0.841	11	-467.74	957.865
4.774	-4.546	-2.264			-2.519	12	-466.705	957.865
	-2.011				1.039	10	-468.781	957.881
3.876	-2.877			0.308	-1.857	12	-466.722	957.898
	-3.634		-0.114		1.08	11	-467.772	957.927
	-1.818				1.041	11	-467.782	957.949
		2.446	0.719	1.115	1.008	14	-464.677	957.966
			0.725	0.348	0.949	9	-469.855	957.97
	-1.364				0.939	9	-469.87	958.001
	-3.468				1.076	11	-467.814	958.011
0.948	-3.619			0.235	0.295	12	-466.782	958.018
0.951	-4.292	-0.703		0.135	0.29	12	-466.794	958.043
	-1.68				0.978	9	-469.908	958.076
0.985				0.64	0.219	11	-467.857	958.097
		1.8	0.754	1.078	1.019	13	-465.785	958.102
0.948	-5.536	1.065	-1.137	0.207	0.293	13	-465.786	958.102
3.54	-5.241		-1.014	0.16	-1.617	13	-465.787	958.104
0.946	-3.712			0.166	0.299	12	-466.83	958.114
	-3.901	-0.505		0.114	0.998	12	-466.834	958.121
	-1.319	0.322			1.052	11	-467.87	958.124
0.933	-3.946	-1.239			0.324	12	-466.844	958.143
	-3.809			0.162	0.997	12	-466.861	958.175
	-5.64	1.388	-1.178	0.219	0.993	13	-465.823	958.176
	-3.89			0.21	0.993	12	-466.869	958.193
0.887	-4.038			0.192	0.337	12	-466.87	958.194
0.948	-2.872	0.757		0.348	0.3	12	-466.873	958.2
	-2.757				0.993	10	-468.942	958.203
	-4.217	-0.351		0.157	0.99	12	-466.882	958.218
	-4.273	-0.554		0.143	0.993	12	-466.889	958.231
	-4.023	-0.553			1.003	12	-466.893	958.24
0.948	-4.943	-1.521			0.295	12	-466.894	958.243
0.968	-1.905				0.258	9	-469.999	958.259
	-2.904		0.012	0.283	1.046	11	-467.979	958.342
	-2.923			0.282	1.045	11	-467.979	958.343
	-4.942	0.096	-0.796		0.976	13	-465.906	958.343
-0.313	-5.021		-0.79		1.206	13	-465.907	958.345
9.215	-2.422	-3.229			-5.718	12	-466.947	958.347
	-2.855	1.022		0.358	0.998	12	-466.97	958.395
	-3.914	-1.029			1.015	12	-466.98	958.413
0.963	-4.882	-0.203	-0.733		0.266	13	-465.944	958.419

0.909	-3.195		-0.658		0.359	11	-468.024	958.433
	-5.022	-1.331			0.994	12	-466.996	958.446
0.952	-3.053			0.307	0.29	12	-466.998	958.45
	-1.914				0.969	9	-470.097	958.454
	-5.311	0.438	-0.378		1.006	12	-467.002	958.458
-3.33	-7.819		-0.991		3.505	14	-464.923	958.46
-0.594	-4.72	-1.54	0.43	0.272	1.455	15	-463.915	958.532
	-4.896	-0.879	-0.756		0.989	13	-466.012	958.555
	-2.35				1.091	10	-469.124	958.567
	-3.417		-0.292		1.097	10	-469.133	958.585
	-3.176		-0.648		1.027	11	-468.109	958.602
0.955	-5.446		-0.983	0.129	0.283	13	-466.043	958.617
0.953		4.325	0.03	1.238	0.307	15	-463.958	958.619
0.954					0.269	10	-469.182	958.683
5.177			0.599	0.776	-2.814	14	-465.047	958.707
-9.045	-11.087	-4.851	-2.639	-1.811	7.735	15	-464.004	958.711
0.912	-2.144	-1.266			0.36	11	-468.173	958.729
4.445	-5.859	-0.569	-1.285		-2.269	13	-466.101	958.734
	-3.703				1.023	12	-467.145	958.744
0.936		1.201	1.207	1.012	0.307	14	-465.076	958.765
3.916			1.195	0.915	-1.888	14	-465.08	958.773
0.888	-1.672	-0.961			0.413	12	-467.169	958.793
1.309	-4.404	-3.272		-0.149	0.072	16	-463	958.796
	-4.112	-0.702	-0.542	0.139	1.003	12	-467.175	958.803
0.901	-2.51				0.383	11	-468.212	958.808
3.139	-6.173		-1.423		-1.305	13	-466.141	958.812
	-1.772	0.495			1.012	10	-469.253	958.825
0.947		-1.465	1.822	0.649	0.288	13	-466.151	958.833
0.916	-3.56				0.352	12	-467.198	958.85
		1.497	1.174	1.021	0.998	14	-465.121	958.856
2.304		0.558	0.895	0.817	-0.703	14	-465.133	958.88
0.965			0.488	0.646	0.261	12	-467.215	958.884
0.983	-0.809				0.24	10	-469.287	958.894
	-3.022			0.294	0.989	12	-467.228	958.91
	-2.587	-0.167			1.031	11	-468.263	958.911
	-5.713		-0.952	0.106	0.985	13	-466.205	958.942
		-1.146	1.807	0.666	0.986	13	-466.208	958.946
5.748	-5.627	-1.378	-1.249		-3.191	14	-465.17	958.954
1.003			0.836	0.421	0.199	10	-469.322	958.963
	-2.516				1.045	11	-468.3	958.983
1.006			0.759	0.411	0.193	10	-469.337	958.993
	-5.147	-1.297	-1.838	-0.345	1.059	13	-466.235	959
0.962				0.512	0.255	13	-466.238	959.006
0.939	-6.391	0.093	-1.289		0.31	13	-466.242	959.015
0.991	-0.856				0.228	9	-470.38	959.022
		0.67	1.072	0.624	0.972	11	-468.333	959.049
	-4.105		0.031		1.077	11	-468.337	959.058
0.291	-3.361				0.825	12	-467.305	959.064

7.829	-2.009	-2.629			-4.679	13	-466.277	959.084
0.999		3.915		0.738	0.202	11	-468.36	959.104
0.909	-2.336				0.369	11	-468.373	959.131
	-8.691	-5.017	-1.97	-1.438	1.084	14	-465.264	959.141
0.922	-2.797	-0.649			0.345	11	-468.396	959.176
	-6.512	0.31	-1.3		1.003	13	-466.326	959.183
0.986				0.7	0.211	12	-467.366	959.185
	-2.282		-0.565		0.92	10	-469.441	959.201
0.97			1.066	0.574	0.247	11	-468.414	959.212
		1.041		0.51	0.959	13	-466.343	959.216
	-2.14	-1.07			1.029	11	-468.421	959.225
			1.893	0.807	0.989	13	-466.35	959.23
	-1.638	-0.729			1.066	12	-467.39	959.234
				0.615	0.937	11	-468.428	959.24
0.963		0.758		0.494	0.247	13	-466.357	959.244
		1.654	1.224	0.699	0.971	12	-467.405	959.263
-0.799			1.659	0.709	1.577	13	-466.373	959.276
	-2.441	-0.457			1.032	11	-468.471	959.326
0.944			1.888	0.809	0.292	13	-466.401	959.332
2.277	-2.717				-0.641	11	-468.477	959.338
	-2.345				1.036	11	-468.484	959.352
0.942			1.19	0.842	0.298	14	-465.372	959.358
8.321			0.466	0.872	-5.117	14	-465.382	959.377
0.997	-1.844			0.177	0.205	10	-469.537	959.394
2.126				0.443	-0.613	13	-466.452	959.435
-1.179	-4.713				1.891	12	-467.491	959.436
2.895	-5.708	-3.306	0.094		-1.104	15	-464.37	959.441
			0.755	0.454	0.883	10	-469.563	959.446
6.974				0.698	-4.144	14	-465.429	959.47
1.54	-1.473				-0.056	12	-467.515	959.484
	-2.984	-0.393		0.255	1.003	12	-467.528	959.511
0.991	-1.246				0.218	9	-470.625	959.511
0.876	-1.518				0.43	12	-467.532	959.517
				0.479	0.962	13	-466.497	959.525
0.984			0.855	0.401	0.226	10	-469.606	959.532
0.975	-0.603				0.252	10	-469.612	959.544
2.876	-5.515	-1.456	-0.404		-1.136	13	-466.507	959.544
8.851	-3.222	-3.018	-0.437		-5.461	13	-466.507	959.545
0.992	-1.133				0.215	9	-470.65	959.561
	-2.79	-0.43			1.024	11	-468.589	959.562
0.995	-1.732				0.214	11	-468.591	959.566
	-2.928	0.586	-0.654		1.003	11	-468.592	959.569
			0.803	0.438	0.894	10	-469.628	959.574
0.973				0.545	0.242	12	-467.566	959.586
			1.068	0.564	0.961	11	-468.614	959.612
0.955	-5.633	-0.801	-0.461	0.035	0.28	13	-466.545	959.621
	-3.489			0.164	1.052	12	-467.594	959.643
0.853	-8.462	-5.004	-1.903	-1.402	0.457	14	-465.515	959.644

	-3.119		-0.45		1.115	11	-468.636	959.656
0.981		1.683	0.835	0.597	0.232	11	-468.638	959.659
	-1.507				1.072	12	-467.603	959.661
			1.277	0.834	0.992	14	-465.537	959.686
	-3.447		0.161	0.238	1.038	12	-467.618	959.69
	-5.566	-0.905	-0.545	0.036	0.992	13	-466.582	959.694
	-1.858			0.166	0.939	10	-469.689	959.697
	-5.75	-0.462	-0.509	0.048	0.984	13	-466.59	959.711
			1.038	0.415	0.95	9	-470.728	959.717
	-3.444		0.138	0.149	1.046	12	-467.636	959.727
0.993			0.717	0.358	0.214	10	-469.706	959.731
1.004	-1.586	2.542		0.378	0.196	10	-469.707	959.733
0.993	-1.502				0.215	9	-470.74	959.742
0.998	-1.883				0.2	10	-469.712	959.743
0.917	-3.123	-1.044	-0.552		0.347	12	-467.648	959.751
0.878			0.843	0.256	0.396	9	-470.747	959.754
4.39	-4.097	-1.993			-2.233	13	-466.618	959.767
0.052	-5.544		-0.488	0.091	0.947	13	-466.624	959.779
			0.551	0.63	0.967	12	-467.665	959.784
1.689	-1.975				-0.204	11	-468.702	959.787
	-5.785	-1.255	-1.647	-0.944	1.07	13	-466.638	959.806
	-1.681	-1.062			0.959	9	-470.776	959.813
0.961					0.27	10	-469.747	959.813
0.964	-1.505				0.266	10	-469.748	959.815
			0.834	0.382	0.954	10	-469.761	959.841
0.975	-0.404				0.252	11	-468.738	959.859
3.96	-4.375	-1.675		0.072	-1.929	13	-466.668	959.866
0.967			0.739	0.256	0.255	8	-471.83	959.868
5.763	-4.665		-1.199	0.212	-3.248	14	-465.629	959.872
	-2.05		-0.177		0.978	10	-469.781	959.881
3.968	-3.146			0.341	-1.93	13	-466.679	959.888
2.938	-3.238			0.276	-1.167	13	-466.696	959.922
1.029	-1.057				0.161	8	-471.857	959.923
4.591	-4.57	-2.212			-2.386	13	-466.704	959.939
	-2.965			-0.107	1.033	11	-468.778	959.94
0.947	-4.265	-1.312			0.298	13	-466.716	959.964
4.189	-2.887	-0.16		0.298	-2.088	13	-466.718	959.966
0.931	-1.871				0.313	10	-469.827	959.972
0.987	-0.894				0.223	9	-470.857	959.974
	-1.713	0.094			1.051	12	-467.765	959.983
6.976	-2.867	-1.916			-4.106	12	-467.766	959.986
	-3.625		-0.161		1.084	12	-467.766	959.986
	-2.708	-0.189			0.956	11	-468.802	959.987
	0.05		0.759	0.373	0.936	10	-469.84	960
	-1.924				0.998	10	-469.841	960.001
	-1.515				0.974	10	-469.845	960.01
0.946	-3.918	-0.76		0.1	0.3	13	-466.741	960.013
		0.028	0.734	0.341	0.962	10	-469.847	960.014

1.018			0.767	0.426	0.177	11	-468.815	960.014
0.991				0.143	0.202	11	-468.815	960.015
			0.722	0.351	0.945	10	-469.854	960.027
			0.719	0.343	0.952	10	-469.854	960.027
	-2.624		0.202		0.997	11	-468.836	960.057
8.645	-2.615	-2.908			-5.301	13	-466.765	960.06
	-1.805	0.076			0.993	10	-469.879	960.077
0.949	-3.883	-0.279		0.198	0.294	13	-466.777	960.085
0.946	-3.559			0.222	0.299	13	-466.778	960.087
				0.459	0.863	10	-469.89	960.099
0.994	-1.294				0.215	9	-470.922	960.104
	-2.625				0.968	11	-468.862	960.107
0.965			0.729		0.257	7	-472.974	960.111
	-1.69			0.024	0.972	10	-469.896	960.112
	-4.32	-1.105			0.996	13	-466.797	960.125
0.942	-6.358	-5.063		-0.688	0.304	13	-466.798	960.126
0.975	-0.991				0.249	10	-469.905	960.129
0.91	-2.531	-1.045			0.367	12	-467.841	960.135
2.398	-5.387	0.556	-1.074	0.187	-0.775	14	-465.763	960.138
0.977		1.205	0.947	0.554	0.236	11	-468.878	960.14
		1.309	1.751	0.992	0.973	12	-467.852	960.158
1.011	-0.998	2.603		0.516	0.178	11	-468.889	960.162
0.964	-2.128				0.266	10	-469.925	960.169
	-3.975	-0.529		0.091	0.997	13	-466.822	960.175
1.023	-3.712			0.166	0.243	13	-466.83	960.19
				0.687	0.931	12	-467.869	960.192
	-3.927	-0.427		0.124	0.997	13	-466.832	960.194
0.89			0.85		0.376	8	-471.999	960.207
	-6.373	-4.843		-0.683	0.999	13	-466.841	960.213
2.335	-1.892				-0.747	10	-469.948	960.216
0.948	-3.095	0.771		0.374	0.297	13	-466.844	960.219
	-3.7			0.183	0.997	13	-466.852	960.235
1.031	-1.053			0.237	0.146	10	-469.958	960.235
	-3.103	-0.801	-0.553		1.022	12	-467.891	960.237
				0.361	0.896	11	-468.93	960.243
			0.703	0.275	0.927	8	-472.029	960.266
0.957	-2.554				0.266	11	-468.941	960.266
1.015	-0.796			0.144	0.181	11	-468.942	960.269
	-3.919	-0.029		0.207	0.994	13	-466.869	960.269
			0.709		0.926	8	-472.039	960.286
0.944	0.378		1.106	0.431	0.289	10	-469.993	960.304
0.965	-1.916	0.12			0.263	10	-469.994	960.307
0.97	-1.958		-0.038		0.254	10	-469.996	960.312
0.954	-1.054	0.843			0.289	10	-470.007	960.333
-2.064	-5.103	0.813	-0.953		2.502	14	-465.874	960.361
0.99	-1.284				0.22	12	-467.955	960.365
1.013	-1.115		-0.358		0.185	11	-468.993	960.37
		0.42	1.107	0.524	0.965	11	-468.999	960.382

	-2.121				0.974	10	-470.032	960.383
0.977			1.094	0.496	0.236	11	-469.009	960.402
0.984		3.247		0.575	0.232	12	-467.977	960.407
	-2.911		0.031	0.292	1.044	12	-467.978	960.41
	-3.111	1.092		0.393	0.995	13	-466.942	960.414
1.03	-0.788			0.258	0.148	10	-470.052	960.423
1.013				0.207	0.18	11	-469.028	960.44
	-1.931	0.324			0.977	10	-470.062	960.443
1.882	-3.176		-0.657		-0.357	12	-467.996	960.446
					0.974	11	-469.055	960.494
1.021	-1.174			0.2	0.163	10	-470.094	960.508
	-1.953		-0.028		0.967	10	-470.095	960.509
0.985	-0.72	2.224		0.369	0.23	12	-468.04	960.535
		2.266		0.847	0.9	11	-469.084	960.552
	-1.902	1.693		0.314	0.952	11	-469.093	960.57
0.97			1.599	0.815	0.25	12	-468.064	960.581
1.012	-1.203		-0.303		0.187	10	-470.141	960.602
	-2.52	-0.801			1.035	12	-468.076	960.607
				0.516	0.952	12	-468.078	960.611
0.986	-1.886	1.452		0.301	0.223	11	-469.114	960.612
					0.942	10	-470.148	960.615
0.985		1.943		0.387	0.22	12	-468.087	960.628
0.911					0.352	11	-469.13	960.645
5.617			0.85	0.896	-3.135	15	-464.972	960.646
0.962	-0.874	0.581			0.279	11	-469.134	960.651
0.968		-0.278			0.248	11	-469.143	960.67
0.95			0.084		0.281	11	-469.145	960.674
1.014	-0.569			0.171	0.181	11	-469.152	960.687
	-2.758		0.716		0.968	10	-470.185	960.69
					1.022	11	-469.153	960.69
			1.104	0.491	0.955	11	-469.154	960.693
0.982	-1.094				0.238	10	-470.188	960.696
0.948					0.277	11	-469.161	960.705
0.985	-1.033	1.768		0.279	0.231	12	-468.127	960.707
0.956					0.268	11	-469.165	960.714
0.99		3.194	0.353	0.691	0.221	12	-468.147	960.747
0.99		2.303	0.645	0.641	0.221	12	-468.147	960.747
1.012	-1.367	1.949		0.412	0.175	11	-469.183	960.75
0.981	-1.272	1.852		0.262	0.237	11	-469.188	960.761
					0.93	10	-470.224	960.767
0.972	-1.607	1.841	-0.702		0.254	12	-468.159	960.772
3.763			1.065	0.594	-1.806	12	-468.161	960.775
1.014	-0.312		0.618	0.365	0.182	11	-469.199	960.781
2.602		0.671	1.212	0.976	-0.92	15	-465.043	960.788
-0.868	-3.808				1.66	13	-467.131	960.793
1.014			0.639	0.398	0.183	11	-469.205	960.794
2.079	-2.502				-0.483	12	-468.174	960.803
3.075		-2.202	1.864	0.607	-1.28	14	-466.095	960.803

			0.683		0.917	7	-473.321	960.803
0.989		1.541	0.909	0.595	0.223	12	-468.175	960.804
4.256	-5.852	-0.62	-1.219		-2.132	14	-466.099	960.811
0.988	-1.369	1.199			0.23	9	-471.277	960.815
0.963		1	1.036	0.645	0.258	12	-468.185	960.823
			0.564		1.009	9	-471.287	960.835
1.012	-0.837			0.08	0.19	10	-470.26	960.839
0.993		4.238		0.754	0.215	12	-468.195	960.844
0.886	-1.608	-0.972			0.415	13	-467.164	960.86
0.946		-1.425	2.044	0.739	0.29	14	-466.127	960.867
	-0.298		0.512		0.998	9	-471.304	960.868
0.965			0.686	0.717	0.261	13	-467.175	960.88
0.985	-0.958				0.235	10	-470.304	960.928
		1.28	1.024	0.656	0.968	12	-468.242	960.938
0.998	-1.99				0.201	10	-470.314	960.947
		1.72	0.723	0.508	0.956	11	-469.283	960.95
0.972	-0.579				0.248	9	-471.348	960.956
0.997	0.604	4.581		0.868	0.204	12	-468.252	960.958
0.964	-1.332	2.24	-0.919		0.268	12	-468.256	960.966
1.011	-0.155		0.632	0.379	0.187	11	-469.297	960.977
		-1.089	2.001	0.749	0.987	14	-466.186	960.985
0.982		1.383	0.717	0.482	0.231	11	-469.303	960.99
0.998	-1.543	1.899		0.353	0.203	11	-469.308	960.999
0.998	-1.952				0.206	11	-469.309	961.003
			0.544		1.011	8	-472.397	961.003
0.918	-2.447	-0.494			0.355	12	-468.285	961.024
1.006	-0.862		-0.386		0.196	11	-469.321	961.025
1.002			0.833	0.42	0.199	11	-469.322	961.027
1.003			0.835	0.421	0.198	11	-469.322	961.027
0.991			1.337	0.494	0.218	12	-468.287	961.028
1.004			0.725	0.396	0.196	11	-469.331	961.045
0.975	-0.424				0.244	10	-470.372	961.063
2.37	-2.28				-0.702	12	-468.307	961.068
0.99	-0.456	2.296	0.502	0.571	0.22	12	-468.311	961.076
			1.559	0.786	0.963	12	-468.313	961.081
0.929			1.064	0.398	0.317	10	-470.389	961.096
0.941		-0.637	0.784	0.248	0.296	10	-470.4	961.12
1.003	-2.241				0.196	10	-470.404	961.127
0.988	-1.375		0.317	0.245	0.223	11	-469.373	961.129
7.805	-1.885	-2.639			-4.658	14	-466.26	961.132
3.132	-1.822			0.193	-1.367	11	-469.398	961.18
0.964	-2.226			-0.142	0.263	11	-469.401	961.186
0.97	-1.76	1.269	-0.515		0.253	11	-469.402	961.188
1.006			0.38	0.263	0.194	12	-468.368	961.189
0.897			0.638		0.363	8	-472.491	961.191
	-0.424				0.96	10	-470.443	961.206
1.019	-1.426			0.146	0.169	10	-470.444	961.208
0.978		3.942		0.667	0.242	11	-469.415	961.214

			0.663	0.403	0.902	11	-469.417	961.218
0.966		0.754	0.931	0.484	0.253	11	-469.418	961.22
				0.22	0.881	11	-469.426	961.236
	-3.08	-0.326		-0.18	0.991	12	-468.394	961.243
1.01	-0.4			0.137	0.187	12	-468.394	961.243
-9.941	-6.918		-2.001	-1.09	8.42	14	-466.316	961.245
			0.508	0.462	0.87	11	-469.433	961.25
0.992	-1.589			0.145	0.215	11	-469.436	961.255
	-1.777				0.924	8	-472.534	961.277
0.954		-0.827	0.77		0.275	9	-471.514	961.288
0.991	-0.637	1.823	0.574	0.512	0.219	12	-468.417	961.289
-0.713			1.894	0.804	1.515	14	-466.34	961.293
-0.065		1.059		0.51	1.007	14	-466.343	961.299
	-1.573	-0.757			1.065	13	-467.386	961.303
0.985	-0.685				0.221	9	-471.529	961.319
	-3.172				0.944	9	-471.536	961.333
		1.617	1.199	0.685	0.972	13	-467.405	961.341
	-0.209		0.945	0.335	1.012	10	-470.52	961.36
1.012				0.672	0.152	11	-469.49	961.365
0.952	-2.078		0.824		0.281	10	-470.523	961.366
1.055	-0.995			0.151	0.115	9	-471.552	961.366
	-2.421	-0.281			1.031	12	-468.457	961.367
0.956	-0.635	0.532			0.287	11	-469.492	961.368
0.966	-3.624	-2.889	1.026		0.256	12	-468.468	961.389
1.028			0.711	0.318	0.159	9	-471.57	961.401
0.993	-1.972			0.168	0.212	11	-469.513	961.409
0.998	-0.344		0.625	0.343	0.206	11	-469.514	961.411
				0.504	0.892	11	-469.516	961.416
0.972			1.035	0.415	0.243	10	-470.553	961.426
0.98	-1.347	0.472			0.238	10	-470.554	961.427
		0.599			1.009	11	-469.524	961.432
	-1.402	-0.818	0.26		0.978	10	-470.558	961.436
1.021	-1.225			0.161	0.166	10	-470.563	961.445
		0.686			0.983	11	-469.532	961.449
0.976	-1.879		0.288		0.241	11	-469.533	961.449
	-1.383		0.317	0.235	0.95	11	-469.533	961.45
0.981	-0.92		0.19		0.236	10	-470.566	961.452
	-0.685				0.945	9	-471.602	961.464
0.999	-1.579	2.076		0.344	0.204	11	-469.544	961.472
			0.798	0.459	0.891	11	-469.548	961.48
			0.751	0.396	0.912	11	-469.55	961.483
0.978	-1.715	0.429			0.246	12	-468.525	961.505
0.993	-1.205				0.215	10	-470.594	961.508
0.984	-1.1		0.118		0.233	10	-470.598	961.515
3.259			0.708	0.37	-1.454	11	-469.568	961.519
1.003	-0.707		-0.29		0.2	12	-468.535	961.524
0.992			0.922	0.437	0.215	11	-469.571	961.526
0.972	-0.417				0.258	11	-469.577	961.538

	-1.592			0.135	0.946	11	-469.579	961.541
0.998	-1.643	2.044		0.336	0.204	11	-469.579	961.541
1.664	-1.546				-0.147	13	-467.511	961.553
0.991	-1.29				0.219	10	-470.622	961.563
	-1.386	-0.976			0.965	10	-470.622	961.564
0.978	-1.586	0.581			0.242	10	-470.626	961.571
0.986	-1.179	0.257			0.226	10	-470.628	961.576
0.988			0.828	0.396	0.22	11	-469.601	961.586
0.997	-1.235	2.421	0.232	0.416	0.209	11	-469.603	961.59
	-3.684	-2.702	1.03		0.97	12	-468.568	961.591
0.982		1.573	0.915	0.516	0.227	10	-470.636	961.591
1.029				0.343	0.144	10	-470.641	961.601
1.002	-1.705		-0.09		0.202	12	-468.58	961.613
	-0.782				1.011	9	-471.679	961.618
			0.833	0.441	0.902	11	-469.617	961.619
0.982			0.95	0.373	0.227	10	-470.65	961.62
1.002	-0.984			0.137	0.197	11	-469.62	961.625
1.001	-1.63			0.029	0.204	12	-468.586	961.625
2.858	-5.47	-1.415	-0.39	0.01	-1.123	14	-466.506	961.626
0.973			-0.222		0.245	11	-469.628	961.639
0.95	-2.229	-0.876			0.279	11	-469.629	961.641
	-2.888			-0.134	1.005	12	-468.603	961.66
0.961	-0.445				0.264	9	-471.7	961.662
0.98	-1.696		-0.221		0.237	11	-469.646	961.675
	-0.656	-0.402			0.944	9	-471.709	961.678
0.985		1.796	0.905	0.636	0.228	12	-468.621	961.695
0.988			0.841	0.36	0.219	10	-470.691	961.701
			1.12	0.469	0.929	10	-470.695	961.709
	-3.426		0.056	0.177	1.048	13	-467.591	961.712
5.072			1.813	0.948	-2.763	13	-467.591	961.712
	-1.98			0.159	0.943	11	-469.668	961.72
				0.653	0.897	11	-469.673	961.729
0.939			0.781		0.298	9	-471.735	961.731
0.997	0.117		0.803	0.311	0.206	9	-471.738	961.736
0.99	0.111		0.817	0.39	0.217	11	-469.676	961.736
		0.046	1.046	0.402	0.97	10	-470.709	961.736
0.985	-1.85	0.296			0.222	11	-469.68	961.745
1.007	0.61		1.137	0.539	0.193	12	-468.649	961.753
0.986	-1.375		0.104		0.229	10	-470.717	961.753
			0.642		0.973	9	-471.753	961.766
			1.032	0.406	0.957	10	-470.724	961.768
			1.042	0.408	0.958	10	-470.725	961.768
			1.036	0.407	0.956	10	-470.725	961.77
			0.748	0.7	0.968	13	-467.624	961.78
2.103	-1.498				-0.571	11	-469.702	961.787
0.992			0.692	0.348	0.215	11	-469.703	961.79
0.956	-1.484	0.331			0.281	11	-469.708	961.799
0.932			0.815		0.309	9	-471.771	961.802

0.94			0.704	0.22	0.297	9	-471.772	961.805
	-1.643	-1.061		0.046	0.953	10	-470.745	961.81
0.976	-1.434	0.698			0.246	10	-470.747	961.814
			0.695		0.973	9	-471.777	961.815
			0.785		0.989	9	-471.777	961.815
0.98	0.369		1.282	0.545	0.233	11	-469.717	961.817
3.808	-4.193	-1.896			-1.811	14	-466.604	961.821
0.95		0.238			0.287	11	-469.719	961.823
3.897	-4.064	-1.697		0.041	-1.875	14	-466.607	961.828
	-2.186	-0.65			0.982	11	-469.723	961.83
	-4.69		-1.403	-0.741	1.096	13	-467.65	961.831
	-0.418	-0.481			0.96	10	-470.757	961.834
	-2.282		-0.297	-0.079	1.002	11	-469.726	961.835
0.993			0.72	0.278	0.213	9	-471.788	961.836
0.961	-0.473	0.333			0.276	12	-468.696	961.846
0.95		3.673		0.746	0.286	12	-468.697	961.848
0.98	-2.988	-1.02			0.225	12	-468.698	961.85
				0.142	0.934	12	-468.699	961.853
0.959					0.267	10	-470.767	961.853
	-3.019	-0.826			0.948	12	-468.7	961.855
	-1.631	-1.03			0.958	10	-470.771	961.862
	-0.502		0.709		1.057	9	-471.803	961.866
0.937	-0.128		0.659		0.302	8	-472.829	961.866
1.003				0.169	0.189	12	-468.707	961.868
4.209	-3.818	-1.15		0.158	-2.107	14	-466.628	961.869
0.975	-0.713		0.198		0.246	10	-470.775	961.869
					1.043	9	-471.805	961.871
0.927			0.846		0.316	9	-471.805	961.871
			0.892	0.422	0.939	11	-469.744	961.872
0.964	-1.576				0.268	11	-469.745	961.873
					0.998	10	-470.777	961.874
			0.617	0.196	0.981	9	-471.807	961.874
	-1.472	0.531			0.99	11	-469.747	961.877
	-1.699		-0.213		0.958	11	-469.752	961.888
0.983			0.722	0.267	0.23	9	-471.815	961.892
		0.829	1.612	0.765	0.964	12	-468.722	961.898
	-0.031		0.827	0.372	0.963	11	-469.757	961.898
		0.02	0.838	0.377	0.963	11	-469.757	961.898
			0.829	0.388	0.947	11	-469.759	961.902
0.955		0.081	0.753	0.258	0.273	9	-471.821	961.904
0.928	-2.779			-0.125	0.321	12	-468.729	961.912
0.942	-2.006		-0.155		0.291	11	-469.764	961.913
0.974			0.73	0.26	0.244	9	-471.827	961.914
	0.176	0.133	0.891	0.403	0.962	11	-469.769	961.922
	-2.048		-0.155		0.983	11	-469.778	961.941
			0.539		0.924	9	-471.841	961.943
	-2.025	-0.008	-0.175		0.976	11	-469.781	961.946
	-2.638	-0.154	0.149		0.965	12	-468.75	961.955

4.467	-3.145	-0.217		0.326	-2.296	14	-466.673	961.96
1.026	-0.993		0.052		0.167	9	-471.851	961.963
3.747	-3.202			0.33	-1.765	14	-466.678	961.968
		0.158	0.774		0.979	9	-471.857	961.974
		3.98		0.762	0.987	12	-468.764	961.982
0.959	-1.083	0.512			0.278	11	-469.803	961.991
0.981	-0.921	0.244			0.233	10	-470.838	961.995
	-2.89		0.068	-0.088	1.027	12	-468.773	962
0.976			1.615	0.699	0.239	12	-468.773	962
0.945	-4.936	-2.503		-0.219	0.3	14	-466.697	962.007
0.938	-1.873			0.028	0.3	11	-469.812	962.008
0.919			0.854		0.33	9	-471.879	962.018
0.969	-1.97		0.508		0.256	11	-469.818	962.021
0.983				0.145	0.21	12	-468.783	962.021
0.989	-1.205		-0.205		0.222	11	-469.819	962.021
0.962		1.313	1.737	0.997	0.262	13	-467.746	962.023
					1.004	12	-468.786	962.027
0.783	-1.875				0.422	11	-469.826	962.035
0.938			0.766		0.3	8	-472.915	962.038
6.704	-2.732	-1.802			-3.906	13	-467.754	962.039
	-0.221		0.543		0.967	8	-472.916	962.041
	0.104		0.816	0.381	0.946	11	-469.829	962.042
	-1.919			0.023	0.991	11	-469.832	962.048
	0.059		0.749	0.362	0.941	11	-469.836	962.056
1.014				0.246	0.173	11	-469.839	962.061
		0.856		0.201	0.94	12	-468.804	962.061
0.94			0.773		0.297	8	-472.927	962.062
0.984		0.17		0.155	0.21	12	-468.805	962.064
					0.94	8	-472.93	962.068
		0.052	0.766	0.357	0.961	11	-469.843	962.071
	-1.557				0.975	11	-469.844	962.072
0.943			0.749		0.292	8	-472.932	962.072
1.029				0.383	0.134	10	-470.877	962.074
	-2.606		0.155		0.98	12	-468.812	962.077
0.969			1.259	0.385	0.247	10	-470.88	962.079
	-2.178		0.833	0.177	0.934	11	-469.848	962.08
0.976					0.234	10	-470.882	962.082
			0.689	0.337	0.946	11	-469.849	962.082
-1.609	-2.819				2.149	12	-468.815	962.085
0.981		1.425	1.083	0.634	0.231	12	-468.822	962.098
2.452	-2.141				-0.828	11	-469.859	962.102
				0.15	0.894	11	-469.862	962.107
	-1.804	0.075		0.029	0.985	11	-469.864	962.112
0.953		6.578		1.395	0.285	13	-467.798	962.128
0.965	-0.341				0.254	9	-471.939	962.139
		0.099	0.742	0.255	0.97	9	-471.941	962.143
0.973		0.889	1.034	0.554	0.243	12	-468.845	962.144
0.919					0.331	12	-468.847	962.149

	-5.148	-2.625		-0.277	0.998	14	-466.768	962.149
0.991	-1.232		0.05		0.22	10	-470.916	962.152
0.964			0.73		0.258	8	-472.974	962.157
0.967		-0.013	0.727		0.254	8	-472.974	962.157
			0.675		0.972	8	-472.977	962.162
0.875			0.792		0.4	9	-471.952	962.165
2.108	-6.332	-5.317		-0.693	-0.556	14	-466.778	962.168
0.972	-2.388		-0.132		0.252	11	-469.893	962.17
			0.74	0.323	0.898	9	-471.962	962.184
1.009	-1.129	2.578		0.493	0.183	12	-468.868	962.19
			0.776		0.988	8	-472.991	962.191
		1.555	1.717	1	0.972	13	-467.832	962.195
					0.951	10	-470.94	962.2
		1.203	1.02	0.569	0.962	12	-468.873	962.201
1.028	-1.396			0.204	0.15	11	-469.913	962.21
3.013			1.08	0.504	-1.262	12	-468.878	962.211
			0.734	0.252	0.96	9	-471.976	962.213
0.96	-2.12	0.146			0.272	11	-469.918	962.219
0.925			-0.296		0.319	12	-468.886	962.226
0.885	-0.029		0.828		0.384	9	-471.992	962.245
0.948	-2.512		0.142		0.284	12	-468.899	962.253
			-0.299		0.999	12	-468.901	962.257
0.984	-2.068	-1.472	1.028		0.23	11	-469.938	962.259
2.847	-1.877	-0.223			-1.127	11	-469.938	962.26
2.319	-1.961		-0.051		-0.738	11	-469.943	962.271
1.03	-1.077			0.23	0.148	11	-469.953	962.29
	0.044		0.732	0.296	0.917	9	-472.018	962.297
1.003	-0.995		0.732	0.308	0.2	12	-468.923	962.3
0.836	-4.54		-1.355	-0.717	0.48	13	-467.886	962.302
			0.199		1.001	12	-468.924	962.303
		-0.711			0.955	12	-468.925	962.303
			0.045	0.365	0.895	12	-468.927	962.309
			0.704	0.284	0.921	9	-472.026	962.312
				0.359	0.895	12	-468.929	962.313
0.973					0.238	9	-472.033	962.328
0.959	-1.15	0.701			0.28	11	-469.973	962.33
1.016	-0.868		-0.083	0.117	0.179	12	-468.939	962.332
		6.847		1.406	0.986	13	-467.901	962.333
		0.187	0.766		0.98	8	-473.063	962.334
			1.589	0.68	0.957	12	-468.943	962.339
0.986	-0.74	1.45		0.245	0.228	13	-467.906	962.343
0.968	-2.016	0.203	-0.07		0.257	11	-469.985	962.353
0.949	0.355	-0.093	1.082	0.419	0.281	11	-469.988	962.36
	-0.34				0.962	9	-472.051	962.363
0.985	-0.409	2.183		0.381	0.231	13	-467.918	962.367
0.961	-1.954	2.579	-0.932		0.274	12	-468.957	962.367
	-2.157	0.325			0.981	11	-469.993	962.37
					0.955	9	-472.057	962.375

			0.394		1.012	10	-471.03	962.379
0.973		-0.903			0.231	12	-468.965	962.384
1.012			0.218	0.263	0.185	12	-468.969	962.393
-1.938					2.401	12	-468.97	962.394
0.921		-0.685			0.334	12	-468.971	962.395
0.956	-1.046	0.782			0.285	11	-470.007	962.399
	-2.355		-0.116		0.966	11	-470.008	962.399
1.014	-0.58			0.207	0.168	10	-471.042	962.404
	-1.594	1.646		0.271	0.961	12	-468.976	962.406
0.982	-1.278		0.084		0.234	13	-467.942	962.414
0.982	-1.299	0.17			0.233	13	-467.946	962.423
0.973	-1.406		1.016	0.221	0.243	11	-470.02	962.424
1.028	-0.945			0.236	0.151	11	-470.022	962.427
0.968	-1.961	2.182	-0.784		0.26	12	-468.987	962.427
1.005	-1.093			0.1	0.196	11	-470.026	962.435
0.987	-1.307			-0.008	0.224	13	-467.954	962.439
0.985		2.939		0.53	0.229	13	-467.957	962.445
	-0.179		0.488		1.032	10	-471.065	962.449
0.983		3.383	-0.14	0.554	0.232	13	-467.962	962.455
	-1.544	1.599	0.234	0.355	0.962	12	-469.001	962.456
1.014	-0.179			0.194	0.181	12	-469.001	962.457
0.983	-0.845	1.478	0.453	0.421	0.229	12	-469.001	962.457
			0.633		0.956	8	-473.125	962.459
0.979	-1.592	1.404		0.26	0.237	12	-469.003	962.46
0.977	-1.503	1.316	0.253	0.343	0.24	12	-469.003	962.46
	-2.06	0.386	-0.088		0.972	11	-470.045	962.474
0.983	-0.149	3.078		0.537	0.233	13	-467.973	962.477
0.985		2.08	0.292	0.485	0.229	13	-467.974	962.479
0.982	-0.974	2.362	-0.372	0.25	0.235	13	-467.979	962.488
0.985	-1.293	1.523		0.264	0.229	12	-469.022	962.499
	-0.53				1.088	8	-473.146	962.501
0.924			0.192		0.32	12	-469.03	962.513
	-2.758		0.761		1.001	11	-470.065	962.515
			0.807		0.921	8	-473.158	962.524
		1.916		0.845	0.902	12	-469.039	962.533
			-0.179		0.926	11	-470.075	962.533
0.973	-2.166		0.46		0.247	11	-470.076	962.535
1.001	-1.279		-0.239		0.204	11	-470.078	962.539
		-0.295			0.955	10	-471.113	962.546
1.006		1.6		0.825	0.16	12	-469.054	962.562
	-0.864	-0.516	0.588	0.232	0.972	11	-470.097	962.578
0.984		1.17	0.619	0.44	0.229	13	-468.024	962.578
	-0.516		1.267	0.506	0.982	11	-470.097	962.579
0.955	-2.432				0.264	9	-472.163	962.587
0.946	-0.652	0.669			0.293	10	-471.135	962.589
	-4.617		-1.401		1.301	11	-470.107	962.598
		-0.461			1.014	12	-469.077	962.608
0.963			1.117	0.408	0.256	10	-471.145	962.609

	-2.464				0.966	9	-472.179	962.619
1.019		2.171		0.635	0.147	11	-470.12	962.624
1.004	-0.825		0.449	0.245	0.197	11	-470.121	962.627
-0.43	-1.915	1.824		0.321	1.27	12	-469.09	962.635
	-1.947	1.69		0.311	0.952	12	-469.091	962.636
1.008	-1.469	2.064		0.402	0.184	12	-469.092	962.637
1.007	-1.222		-0.284		0.194	11	-470.13	962.643
1.007	-0.963			0.103	0.193	11	-470.131	962.645
	-0.586			0.196	0.914	10	-471.166	962.651
1.012	-1.209		-0.308	-0.002	0.187	11	-470.141	962.666
0.985	-1.941	1.405		0.292	0.225	12	-469.109	962.672
0.941			0.464		0.292	10	-471.177	962.673
			1.163	0.338	0.925	10	-471.177	962.674
0.999	-0.384			0.123	0.198	11	-470.145	962.674
0.963		-0.249	0.08		0.26	12	-469.111	962.676
					0.941	11	-470.148	962.68
0.982	-1.313	1.822	-0.338	0.158	0.234	13	-468.077	962.684
0.962	-0.412		0.379		0.265	10	-471.183	962.685
1.009	0.511		0.863	0.483	0.19	12	-469.117	962.689
0.973	-1.335	1.514	-0.601		0.25	13	-468.082	962.695
0.717					0.494	12	-469.131	962.716
0.988	0.433	3.754	0.308	0.788	0.225	13	-468.096	962.723
0.981	-1.481	1.772	-0.191	0.203	0.235	12	-469.138	962.731
0.96					0.233	9	-472.236	962.733
0.998			0.603	0.259	0.203	10	-471.208	962.735
0.949			0.107		0.283	12	-469.142	962.738
0.967		-0.252			0.249	12	-469.142	962.739
0.927			0.569		0.313	9	-472.242	962.745
1.013	-0.498		0.097	0.2	0.183	12	-469.147	962.749
	-2.725	0.019	0.72		0.97	11	-470.185	962.754
0.989	0.539	4.762		0.863	0.222	13	-468.112	962.755
0.93	-2.679		0.74		0.316	11	-470.186	962.755
		-0.12	0.48		0.983	10	-471.22	962.758
0.987			0.879	0.348	0.223	13	-468.116	962.763
			0.429	0.503	0.898	12	-469.154	962.763
			0.469		0.985	10	-471.224	962.768
0.993	-1.62	1.356	-0.166		0.219	10	-471.225	962.769
		0.485	1.099	0.435	0.968	10	-471.226	962.772
0.936			0.451		0.299	9	-472.259	962.779
		0.714	-0.368		0.991	12	-469.166	962.786
	-0.388	-0.127	0.405		0.972	10	-471.238	962.795
0.987	0.214	2.23	0.74	0.666	0.225	13	-468.133	962.797
	-1.789			0.152	0.903	9	-472.271	962.803
	-0.407		0.387		0.973	10	-471.242	962.804
2.862		0.491	1.047	0.62	-1.142	13	-468.137	962.804
0.935		-2.457	0.699		0.304	13	-468.14	962.81
0.991		2.811	0.487	0.671	0.22	13	-468.141	962.813
3.395		-2.307	2.101	0.692	-1.514	15	-466.059	962.82

0.999	-2.191				0.187	9	-472.283	962.827
0.981	-1.271	1.853		0.262	0.237	12	-469.188	962.831
0.98	-1.271	1.85		0.261	0.239	12	-469.189	962.831
			-0.001		0.93	11	-470.224	962.832
0.983		5.949	-0.652	0.798	0.234	12	-469.189	962.832
	-0.367		0.569		1.019	10	-471.258	962.835
					0.939	9	-472.288	962.836
1	-2.093				0.199	11	-470.231	962.846
0.971	-1.585	1.883	-0.72		0.256	13	-468.158	962.847
0.927			0.547		0.315	10	-471.271	962.861
			0.552		1.003	10	-471.274	962.867
0.926			0.536		0.315	9	-472.305	962.872
3.261	-1.327		0.332	0.266	-1.45	12	-469.21	962.875
0.934		-0.437	0.54		0.304	9	-472.309	962.878
0.988	0.039	1.52	0.931	0.601	0.222	13	-468.174	962.879
	-0.387			0.114	0.935	11	-470.251	962.886
			1.128	0.402	0.966	10	-471.284	962.888
0.927			0.503		0.314	9	-472.314	962.889
			0.565		1.008	10	-471.286	962.892
0.978	-1.925	0.493			0.241	12	-469.221	962.897
		1.636	0.793	0.524	0.957	12	-469.234	962.923
0.976		1.184	1.176	0.633	0.241	12	-469.238	962.931
			0.456		0.987	9	-472.336	962.932
			0.613		1.007	9	-472.336	962.933
0.981		1.291	0.808	0.504	0.233	12	-469.24	962.933
0.958					0.234	8	-473.366	962.939
	-0.082		0.506		1.024	9	-472.342	962.945
0.939		-0.934	0.645		0.298	10	-471.314	962.948
		-0.101	0.475		0.989	9	-472.346	962.953
	-0.43	0.67			0.98	11	-470.288	962.96
0.959	-0.426	0.487			0.27	11	-470.291	962.965
0.983	-2.104			-0.068	0.233	12	-469.256	962.965
0.95		-0.422	0.938	0.338	0.283	11	-470.291	962.966
1.018	-1.95			0.102	0.169	11	-470.292	962.968
	-2.185	0.23			0.956	9	-472.357	962.974
1.004	-0.647		-0.401		0.199	12	-469.261	962.975
1.046	-0.522		0.364	0.23	0.134	10	-471.334	962.987
0.979	-0.569			0.025	0.236	10	-471.335	962.989
0.978	-0.637		-0.07		0.237	10	-471.335	962.99
		-2.149	0.634		0.992	13	-468.231	962.993
1.009	-0.687		0.399	0.249	0.189	11	-470.304	962.993
	-1.284		0.231		0.926	9	-472.366	962.993
0.985	-0.658	3.321		0.546	0.23	12	-469.277	963.008
0.999	-2.004	-0.028			0.199	11	-470.314	963.011
	0.047	1.695	0.764	0.52	0.956	12	-469.278	963.011
			0.549		1.003	9	-472.377	963.015
-0.455		1.84	0.725	0.516	1.293	12	-469.281	963.017
		1.668	0.703	0.494	0.959	12	-469.282	963.018

0.948	-0.155	-1.01	0.642		0.286	10	-471.353	963.025
0.961	-1.427	2.365	-0.943		0.272	13	-468.248	963.027
3.662				0.705	-1.798	12	-469.287	963.028
0.969		1.087	0.938	0.484	0.247	11	-470.324	963.031
0.982	0.063	1.389	0.775	0.5	0.232	12	-469.293	963.04
			0.344	0.313	0.889	12	-469.293	963.04
0.991	-1.93		0.084		0.218	12	-469.296	963.047
			0.54		1.008	9	-472.395	963.051
3.881			1.022	0.433	-1.898	11	-470.334	963.053
0.981		1.376	0.698	0.474	0.231	12	-469.303	963.059
0.939			0.756		0.3	10	-471.373	963.065
0.969	-3.271	-2.111	0.632		0.25	13	-468.274	963.079
0.961	-4.94	-4.292	0.976	-0.241	0.267	13	-468.277	963.085
2.943	-1.581			0.16	-1.223	12	-469.317	963.088
1.802	-0.424				-0.364	11	-470.353	963.089
					0.938	8	-473.444	963.096
1.002			0.827	0.418	0.199	12	-469.322	963.098
0.991	-0.063		1.321	0.485	0.217	13	-468.285	963.101
4.545	-3.477	-3.612	1.036		-2.381	13	-468.29	963.111
0.918			0.638		0.329	10	-471.397	963.114
0.993	-2.253	0.338			0.214	11	-470.368	963.12
0.976	-0.432		-0.017		0.242	11	-470.371	963.126
	-1.827	1.352	-0.521		0.971	12	-469.338	963.129
0.976	-2.425	-0.553		-0.201	0.244	12	-469.34	963.135
	-0.333	-0.463			0.963	9	-472.438	963.136
0.975			1.427	0.569	0.239	11	-470.378	963.139
0.973					0.23	9	-472.442	963.145
0.948			0.575		0.286	10	-471.414	963.148
0.991	-0.771				0.206	8	-473.47	963.148
	-2.638	1.342		0.479	1.365	10	-471.417	963.153
0.966		0.849	1.032	0.489	0.251	11	-470.388	963.16
0.962	-2.545		-0.331	-0.26	0.267	12	-469.354	963.162
0.97		0.993	0.987	0.477	0.246	11	-470.393	963.17
0.989	-1.15		0.389	0.268	0.221	12	-469.358	963.171
3.267	-1.978			0.184	-1.462	12	-469.364	963.182
	-3.279	-1.833	0.588		0.965	13	-468.334	963.198
0.988	-1.374		0.322	0.247	0.223	12	-469.373	963.199
				0.19	0.954	9	-472.474	963.208
0.976					0.227	10	-471.456	963.231
0.969	-1.805	1.08	-0.466		0.255	12	-469.389	963.233
			1.036		0.983	9	-472.486	963.233
0.895	-0.025		0.629		0.367	9	-472.486	963.234
0.981		4.232		0.722	0.237	12	-469.392	963.238
0.971		-5.882	3.161		0.25	12	-469.397	963.248
	-0.573	-0.423		0.145	0.928	10	-471.465	963.249
0.97	-1.775	1.314	-0.529		0.254	12	-469.4	963.255
1.008	-0.136		0.263	0.225	0.19	13	-468.364	963.258
0.977		1.054	0.814	0.398	0.238	10	-471.472	963.263

0.988	-1.151	1.902	0.282	0.389	0.223	12	-469.408	963.269
	-0.429		-0.009		0.959	11	-470.443	963.27
		0.702			1.001	12	-469.409	963.272
0.929			0.841		0.312	9	-472.515	963.291
0.937	-0.663				0.303	10	-471.486	963.291
0.989	-1.203	1.817	0.303	0.38	0.222	12	-469.421	963.296
1.004				0.221	0.16	10	-471.489	963.298
		1.079	1.036	0.503	0.964	11	-470.46	963.303
-3.575	-3.439			-0.195	3.643	13	-468.388	963.307
	-4.987	-4.062	0.981	-0.235	0.975	13	-468.392	963.315
0.951		-0.938	0.757		0.28	10	-471.498	963.316
			0.868		1.004	9	-472.529	963.319
		-0.479			0.939	9	-472.529	963.32
2.06	-0.683				-0.57	10	-471.502	963.323
0.992	-1.613			0.145	0.216	12	-469.435	963.324
0.979			0.58	0.221	0.234	10	-471.504	963.328
3.311			0.832	0.413	-1.488	12	-469.44	963.335
	-3.114			0.053	0.934	10	-471.508	963.335
0.955	-1.282		0.819	0.33	0.27	11	-470.478	963.34
		0.275	1.486	0.598	0.966	11	-470.478	963.34
0.954		-0.848	0.771		0.275	10	-471.513	963.346
0.954		-0.829	0.769		0.275	10	-471.513	963.346
0.955		-0.826	0.769		0.274	10	-471.514	963.347
	-3.208	-0.088			0.932	10	-471.516	963.351
	-0.917				0.952	8	-473.579	963.367
0.985	-0.689	0.063			0.22	10	-471.528	963.375
	-1.26	-0.812	0.203		0.979	11	-470.496	963.375
	-3.256				0.95	10	-471.53	963.378
					0.944	10	-471.534	963.388
0.965			0.897	0.355	0.254	10	-471.536	963.391
0.927			0.912		0.315	9	-472.565	963.391
			0.654	0.254	0.939	10	-471.538	963.396
0.963	0.29	0.563	0.996	0.399	0.258	10	-471.544	963.407
0.954	-0.522	0.505			0.289	12	-469.478	963.411
			0.527	0.324	0.9	12	-469.482	963.417
			0.819		1.003	9	-472.584	963.429
	-3.163	0.596	-1.125		1.326	11	-470.531	963.445
0.94	-0.474	0.542			0.3	10	-471.566	963.45
0.983	-1.301	0.428			0.234	11	-470.535	963.453
	-1.06	-0.808			0.963	11	-470.539	963.462
0.998	-0.457		0.505	0.3	0.206	12	-469.507	963.469
0.983	-1.905	-0.373	0.401		0.23	12	-469.509	963.472
0.957		0.535	-0.302		0.27	12	-469.509	963.472
0.972			0.558	0.211	0.244	10	-471.579	963.478
	-1.345	-0.781	0.264		0.977	11	-470.549	963.482
0.979	-1.399	0.479			0.24	11	-470.55	963.483
	-0.701	0.271			0.95	10	-471.582	963.483
0.983	-1.004		0.151		0.233	11	-470.551	963.486

0.973			1.021	0.411	0.242	11	-470.552	963.487
0.978	-1.296	0.419	0.032		0.24	11	-470.552	963.488
	-1.164		0.386	0.259	0.949	12	-469.517	963.489
0.971			1.038	0.417	0.244	11	-470.553	963.489
0.95			0.632		0.282	10	-471.585	963.49
3.485	-2.288	-1.371			-1.595	12	-469.519	963.492
	-1.354		0.814	0.321	0.974	11	-470.557	963.497
0.969	-3.142				0.237	10	-471.591	963.502
	-0.775			0.071	0.99	10	-471.593	963.504
3.191	0.127		0.821	0.407	-1.402	12	-469.527	963.508
0.979	-0.948	0.105	0.181		0.24	11	-470.563	963.509
0.929	-1.842		0.46		0.317	10	-471.595	963.509
		0.417	0.904	0.383	0.97	10	-471.598	963.515
	-1.402		0.282	0.223	0.95	12	-469.532	963.519
		0.686	-0.003		0.983	12	-469.532	963.519
				0.212	0.9	10	-471.603	963.525
	-1.891		0.462		1	10	-471.604	963.527
			1.408	0.55	0.957	11	-470.572	963.527
	-0.663				0.99	10	-471.604	963.528
0.983	-0.652				0.217	8	-473.662	963.533
0.949			0.525		0.284	10	-471.607	963.533
0.975	-2.989	-1.626			0.23	10	-471.609	963.538
0.968	0.158		0.774	0.275	0.25	10	-471.613	963.546
	-2.181		0.948	0.224	0.978	12	-469.548	963.55
0.973		0.887	0.757	0.362	0.245	10	-471.617	963.554
1.03				0.35	0.141	11	-470.586	963.557
0.988			1.124	0.437	0.22	11	-470.589	963.562
0.942		-1.074			0.289	13	-468.517	963.565
0.988			1.034	0.475	0.221	12	-469.559	963.572
0.984	-1.153		0.112		0.231	11	-470.594	963.573
	-3.24		-1.067		1.327	11	-470.597	963.578
0.969			0.546	0.197	0.249	10	-471.631	963.581
			0.635		0.981	10	-471.632	963.582
	-0.607	1.864		0.37	0.921	11	-470.601	963.587
3.08			0.707	0.369	-1.321	12	-469.568	963.591
	-0.375	1.733		0.255	0.949	12	-469.57	963.595
		-0.67	0.778		0.979	10	-471.638	963.596
	-0.265				1.003	9	-472.669	963.599
			1.246	0.504	0.946	11	-470.608	963.6
1.002				0.138	0.185	11	-470.609	963.602
	-1.599			0.135	0.946	12	-469.579	963.611
0.98		1.404	0.856	0.476	0.233	11	-470.614	963.612
	-0.715	-0.101			0.993	10	-471.647	963.613
0.971	0.266		0.972	0.345	0.246	10	-471.647	963.614
	-1.38	-0.979		0.022	0.962	11	-470.615	963.614
0.905			0.712		0.349	10	-471.648	963.615
0.967	0.537	0.723	1.611	0.723	0.251	12	-469.58	963.615
0.94	-2.325	-1.152		-0.062	0.297	12	-469.587	963.629

			1.245	0.493	0.943	11	-470.626	963.636
0.98	-1.574	0.537	0.005		0.241	11	-470.627	963.637
2.236	-1.701		-0.232		-0.687	12	-469.592	963.638
3.535			0.722	0.277	-1.641	10	-471.662	963.643
		-0.881			0.984	13	-468.559	963.648
	0.248				1.005	10	-471.665	963.649
0.954	-2.02		0.948	0.24	0.276	12	-469.598	963.65
0.939					0.3	11	-470.635	963.654
0.986	-2.003	-0.976	0.726		0.228	12	-469.604	963.661
	-2.584	-0.294	-0.679	-0.234	0.996	12	-469.604	963.663
			0.593	0.229	0.952	10	-471.674	963.667
0.97	-0.431			0.037	0.246	10	-471.675	963.669
3.74			1.675	0.743	-1.795	13	-468.57	963.67
0.976	0.267		0.949	0.338	0.238	10	-471.676	963.67
1.007	-0.598	1.562		0.35	0.177	11	-470.645	963.674
0.981			0.997	0.377	0.229	11	-470.645	963.674
	-0.775		0.005		1.011	10	-471.679	963.676
		0.147	0.614		0.974	10	-471.681	963.68
1	-1.745		-0.115	-0.013	0.205	13	-468.579	963.688
	-4.837		-1.734	-0.153	1.333	12	-469.618	963.69
0.947			0.682		0.287	10	-471.688	963.696
	-0.33	-0.349	0.179		0.973	11	-470.66	963.704
0.979	-1.894		-0.245		0.238	12	-469.627	963.708
0.951	-2.215	-0.829	-0.018		0.278	12	-469.628	963.711
0.993			0.922	0.396	0.213	11	-470.664	963.711
0.945	-2.339	-2.037	0.602		0.29	11	-470.664	963.711
	-0.78		0.477	0.261	0.89	10	-471.697	963.714
			0.899	0.346	0.965	10	-471.7	963.719
		-0.454			0.941	8	-473.756	963.72
0.96	-0.442		0.005		0.265	10	-471.7	963.72
0.968					0.236	9	-472.741	963.742
0.986	-0.372	1.519		0.245	0.221	12	-469.645	963.744
	0.297	0.274	1.01	0.367	0.969	10	-471.713	963.746
0.97		0.736	0.726	0.324	0.25	10	-471.714	963.746
0.945			0.734		0.289	10	-471.714	963.747
0.932			0.898		0.308	9	-472.746	963.754
		0.136	1.071	0.428	0.97	11	-470.686	963.756
0.993	-1.523		0.677	0.207	0.214	12	-469.652	963.759
0.986	0.208		0.877	0.326	0.222	10	-471.721	963.762
		0.186	1.159	0.517	0.963	12	-469.654	963.763
		0.132	1.085	0.423	0.969	11	-470.69	963.763
0.944		0.428			0.294	11	-470.69	963.763
			0.511		0.967	10	-471.727	963.773
	-0.395	-0.486		0.066	0.949	11	-470.695	963.774
1.471			0.779		-0.093	10	-471.728	963.776
0.983	-0.562				0.216	8	-473.785	963.779
			0.588		0.962	10	-471.731	963.782
0.962	-0.284		0.524		0.264	9	-472.761	963.783

0.926			0.99		0.318	9	-472.763	963.786
0.99	0.175		0.946	0.437	0.218	12	-469.666	963.787
4.687		0.185	1.807	0.957	-2.481	14	-467.589	963.79
	0.358	0.417	1.286	0.578	0.961	12	-469.67	963.793
3.044		3.223		0.729	-1.256	13	-468.632	963.794
				0.128	0.924	11	-470.706	963.796
			0.695		0.984	10	-471.739	963.798
4.95		5.506		1.355	-2.66	14	-467.592	963.798
			0.613		0.96	10	-471.74	963.798
0.96	-0.177	-0.273	0.584		0.267	9	-472.769	963.799
0.972		0.888	1.571	0.766	0.245	13	-468.637	963.804
	-0.204		0.998	0.448	0.958	12	-469.679	963.813
	-2.369		-0.541	-0.165	0.999	12	-469.679	963.813
		0.016	0.652		0.976	10	-471.752	963.823
			0.995	0.413	0.96	11	-470.72	963.823
			1.034	0.406	0.958	11	-470.724	963.832
			1.04	0.408	0.957	11	-470.725	963.833
0.95		-0.674	0.767		0.282	9	-472.787	963.834
	-1.52	-0.991		0.062	0.949	11	-470.726	963.835
			0.742		0.985	10	-471.759	963.836
	0.091		0.67	0.232	0.961	10	-471.759	963.837
	-1.077	0.568	0.796	0.366	0.966	11	-470.727	963.838
0.952		-0.568	0.735		0.277	9	-472.79	963.841
2.281	-1.589				-0.7	12	-469.694	963.842
				0.056	1.038	10	-471.763	963.845
0.946		-0.107	0.675	0.207	0.286	10	-471.764	963.847
0.928	-2.273		-0.476	-0.139	0.316	12	-469.697	963.847
1.844	-1.489	0.11			-0.377	12	-469.697	963.848
-1.353				0.133	1.934	13	-468.659	963.849
	-2.965	-1.392			0.949	10	-471.766	963.852
	-2.27	-0.875		-0.047	0.99	12	-469.699	963.853
0.979	-1.525	0.756	-0.069		0.242	11	-470.736	963.856
			0.546	0.188	0.963	10	-471.772	963.862
			0.905		0.994	9	-472.802	963.864
0.956	-1.525	0.337			0.282	12	-469.705	963.865
		0.017	0.703		0.976	10	-471.776	963.872
		0.976	0.729	0.338	0.965	10	-471.777	963.874
0.946	-0.344	0.641			0.288	10	-471.783	963.884
0.95	-0.194		0.589		0.283	9	-472.812	963.884
	-2.202	-0.546	-0.066		0.979	12	-469.716	963.886
0.948	-0.17		0.605		0.286	9	-472.818	963.896
3.709	-4.39	-2.277		-0.073	-1.737	15	-466.602	963.907
0.971		-2.831	1.402		0.247	13	-468.69	963.91
	-0.459		0.69		1.059	10	-471.796	963.91
			-0.105		0.998	11	-470.764	963.911
	-2.051	0.228	0.905	0.23	0.962	12	-469.729	963.911
			0.999	0.452	0.948	12	-469.73	963.915
		1.186	1.536	0.773	0.962	13	-468.693	963.917

0.96			-0.019		0.264	11	-470.767	963.918
					0.987	11	-470.767	963.918
	-0.344	0.805			0.987	10	-471.8	963.92
	-4.407	0.31	-1.367		1.337	12	-469.733	963.92
0.55	-2.995	-0.926			0.542	13	-468.696	963.922
		-0.031	0.593	0.191	0.974	10	-471.802	963.924
0.976					0.219	9	-472.833	963.927
	0.263		0.974	0.336	0.96	10	-471.804	963.928
		0.072		0.145	0.936	13	-468.699	963.928
0.906	-1.877	4.463	-1.596		0.373	13	-468.701	963.932
0.974	-0.724	0.037	0.19		0.248	11	-470.774	963.933
	-1.854		-0.23		0.958	12	-469.74	963.934
		-0.01			0.995	11	-470.778	963.939
	-1.503	0.519			0.99	12	-469.746	963.947
				0.359	0.859	10	-471.818	963.955
					0.947	9	-472.851	963.963
		0.677			0.971	11	-470.789	963.963
	-0.023	0.006	0.831	0.373	0.964	12	-469.757	963.968
0.963			0.184		0.26	11	-470.794	963.971
	-0.562				0.938	8	-473.884	963.976
0.956		-0.407	0.707		0.272	9	-472.859	963.98
0.988					0.203	9	-472.86	963.981
0.667	-2.015		-0.155		0.493	12	-469.764	963.982
0.964		0.491			0.256	11	-470.802	963.989
					0.916	9	-472.869	963.999
-1.782	-2.782		0.188		2.291	13	-468.745	964.021
0.978					0.216	10	-471.854	964.028
0.946			0.714		0.288	9	-472.89	964.042
	-0.162		0.616		0.983	9	-472.893	964.047
-1.072					1.791	13	-468.764	964.058
2.514	-0.341				-0.883	10	-471.87	964.06
		0.189	0.885		0.982	9	-472.9	964.061
1.857			0.773		-0.378	9	-472.902	964.064
	-0.187	0.051	0.587		0.978	9	-472.905	964.071
0.955					0.269	10	-471.877	964.073
0.944					0.274	9	-472.907	964.075
0.805	-1.87			0.027	0.398	12	-469.813	964.079
			0.189		0.968	11	-470.849	964.082
0.968	-1.934		0.524		0.258	12	-469.815	964.084
2.544	-2.41		-0.146		-0.904	12	-469.816	964.086
0.971			1.42	0.432	0.244	11	-470.852	964.087
			-0.077		1.002	13	-468.778	964.088
0.985		-0.205		0.132	0.206	13	-468.778	964.088
	-0.239		0.533		0.966	9	-472.916	964.093
		-0.493	0.772		0.982	9	-472.916	964.094
0.995	-3.877	-1.895			0.19	11	-470.856	964.096
					0.93	9	-472.921	964.102
		-0.033			0.93	9	-472.921	964.103

0.945		-7.621	3.638		0.291	13	-468.787	964.104
					0.931	9	-472.922	964.105
	0.139		0.888	0.407	0.947	12	-469.826	964.105
0.975	-2.412			0.153	0.226	10	-471.894	964.108
					0.936	9	-472.924	964.109
0.956	-0.274		0.132		0.272	10	-471.895	964.109
0.939			0.788		0.299	9	-472.925	964.112
	-2.36	-1.842	0.596		0.987	11	-470.865	964.113
1.485					-0.141	11	-470.872	964.127
	-0.448				1.058	7	-474.983	964.128
	-0.541	-0.336			0.938	8	-473.963	964.134
0.911		8.469	-1.797	0.71	0.363	13	-468.804	964.138
0.968		0.094	1.255	0.394	0.249	11	-470.878	964.139
0.968			1.263	0.39	0.249	11	-470.879	964.141
					0.935	10	-471.915	964.148
3.138	-2.095	-0.254			-1.336	12	-469.848	964.149
3.924		-1.366			-1.882	13	-468.813	964.156
		1.686		0.33	0.913	11	-470.889	964.161
0.966	-2.545	0.372	-0.2		0.26	12	-469.856	964.166
0.971	-0.33			0.024	0.243	10	-471.929	964.176
			0.719		0.984	9	-472.959	964.179
0.925			-0.139		0.32	13	-468.824	964.179
	-0.424				1.128	9	-472.962	964.185
		-0.558			0.945	10	-471.934	964.187
		-0.165	0.26		0.975	11	-470.903	964.19
-1.963			0.206		2.447	13	-468.83	964.191
0.929		-0.437	-0.241		0.314	13	-468.83	964.191
-3.373	-3.24		0.819		3.485	12	-469.872	964.199
	-2.454			0.144	0.946	10	-471.94	964.199
0.991					0.199	9	-472.97	964.201
0.985	-1.733	-0.986	1.06	0.114	0.226	12	-469.875	964.204
1.702		0.683	1.043	0.542	-0.294	13	-468.837	964.205
		0.038	0.693		0.978	9	-472.973	964.207
0.966		-0.042	0.723		0.255	9	-472.973	964.208
0.874	0.002		0.793		0.4	10	-471.952	964.224
0.929					0.27	8	-474.01	964.229
			0.802		0.989	9	-472.988	964.237
1.027	-1.444			0.194	0.152	12	-469.901	964.256
	-1.598	0.361	0.373		0.981	10	-471.976	964.272
3.015	-0.569			0.224	-1.306	11	-470.946	964.275
	-3.927	-1.694			0.925	11	-470.946	964.276
0.991		1.495		0.319	0.181	11	-470.946	964.276
0.985				0.287	0.175	10	-471.979	964.277
	-2.612	0.594	-0.229		0.973	12	-469.914	964.281
		0.313	1.256	0.405	0.963	11	-470.951	964.285
0.985	-2.099	-1.119	0.843		0.229	12	-469.916	964.286
0.692			-0.298		0.49	13	-468.884	964.299
0.9	-2.332	3.436	-1.422	-0.147	0.382	13	-468.887	964.304

		-0.177	-0.279		0.998	13	-468.891	964.312
0.954	-0.917	1.022	-0.276		0.276	11	-470.965	964.313
	-0.266		0.145		0.974	10	-471.999	964.318
			1.279	0.383	0.961	11	-470.97	964.325
2.779	-1.907	-0.191	-0.02		-1.078	12	-469.937	964.329
0.974					0.236	10	-472.007	964.334
	0.127		0.78	0.3	0.922	10	-472.009	964.338
0.983	-1.258	-3.965	2.191		0.232	13	-468.91	964.352
0.96	-0.659	0.996		0.098	0.265	11	-470.985	964.355
	-4.376		-1.328		1.325	12	-469.951	964.356
-0.85		-0.551			1.584	13	-468.914	964.358
		0.109			0.967	10	-472.022	964.364
					0.969	10	-472.025	964.37
		0.147	0.733		0.98	9	-473.055	964.37
0.967		0.122			0.244	10	-472.026	964.371
		-0.316		0.091	0.94	11	-470.996	964.375
3.264			1.1	0.418	-1.436	11	-470.998	964.38
					0.928	9	-473.061	964.384
7.471	-2.361	-3.388	0.677		-4.509	12	-469.965	964.385
			0.048	0.37	0.896	13	-468.927	964.385
	-2.239	0.257		0.167	0.937	10	-472.036	964.391
	-0.481			0.082	1.087	9	-473.07	964.4
0.984				0.131	0.19	9	-473.074	964.409
	-0.333			0.016	0.957	10	-472.047	964.412
0.962					0.238	9	-473.079	964.419
0.984	-0.742	1.463	-0.001	0.244	0.23	14	-467.906	964.426
0.984	-0.747	1.451		0.243	0.231	14	-467.906	964.426
		-7.456	3.676		0.988	13	-468.951	964.432
	-0.833	-0.349	0.892	0.365	0.968	12	-469.989	964.432
					0.956	10	-472.057	964.433
	-0.046		0.41		1.017	11	-471.026	964.436
0.983	-0.554	2.245	-0.139	0.337	0.232	14	-467.913	964.439
	-1.208	1.654	0.341	0.395	0.959	13	-468.964	964.46
	-1.477	1.669		0.273	0.958	13	-468.965	964.46
1.011	0.102		0.283	0.286	0.186	13	-468.966	964.463
0.986	-1.044		0.258	0.081	0.226	14	-467.926	964.466
-0.549	-1.609	1.759		0.278	1.368	13	-468.972	964.474
0.98	-1.163	1.384	0.361	0.384	0.235	13	-468.974	964.478
	-1.564	1.6	0.061	0.289	0.961	13	-468.975	964.481
0.984	-0.474	2.922	-0.294	0.4	0.232	14	-467.935	964.483
			-0.327		0.933	12	-470.015	964.484
0.968					0.243	9	-473.112	964.485
0.983	-1.27	-0.184	0.17		0.232	14	-467.94	964.493
		1.771		0.267	0.939	12	-470.022	964.499
		-0.492		0.172	0.915	10	-472.091	964.501
1.004	-1.063		0.038	0.111	0.197	12	-470.025	964.505
0.943		-4.152	1.619		0.292	14	-467.948	964.508
0.897	-2.51	2.998	-1.361	-0.211	0.388	13	-468.989	964.509

0.982	-0.971	1.48	0.312	0.369	0.232	13	-468.991	964.514
0.979	-1.507	1.345	0.152	0.306	0.239	13	-468.993	964.517
0.924					0.277	9	-473.13	964.52
0.979	-1.508	1.424		0.262	0.237	13	-468.998	964.527
0.985		3	-0.013	0.534	0.229	14	-467.957	964.528
0.277	-1.534	1.491	0.237	0.349	0.755	13	-468.999	964.53
0.967		-0.843	0.679		0.257	11	-471.078	964.541
4.5		-3.586	0.921		-2.318	14	-467.979	964.57
1.02				0.275	0.144	10	-472.126	964.571
4.6			1.526	0.638	-2.428	12	-470.059	964.571
1.004				0.163	0.175	11	-471.094	964.572
	-0.188	-0.242	0.294		0.985	10	-472.139	964.597
					0.945	9	-473.17	964.602
-0.422		2.04		0.854	1.213	13	-469.038	964.607
0.951			0.36		0.278	11	-471.115	964.614
	-2.711			0.383	1.36	10	-472.153	964.626
2.353	-0.38			0.133	-0.799	12	-470.09	964.634
0.961		0.275	1.101	0.426	0.259	11	-471.128	964.639
				0.123	0.915	9	-473.192	964.644
0.843	-2.438				0.346	10	-472.163	964.645
5.364	-4.842	-5.347	0.96	-0.28	-2.972	14	-468.017	964.647
1.012				0.273	0.169	10	-472.166	964.652
	-4.677		-1.375		1.3	12	-470.1	964.654
0.989		1.477		0.251	0.207	12	-470.103	964.66
			1.056	0.308	0.936	11	-471.141	964.665
0.963			1.122	0.409	0.256	11	-471.145	964.673
0.947		-0.329	0.497		0.283	11	-471.145	964.674
0.966	-0.365	-0.352	0.42		0.259	11	-471.152	964.687
1.009	-1.103		-0.153	0.054	0.191	12	-470.118	964.69
	-4.919		-1.086	-0.363	1.343	11	-471.16	964.704
		-3.821	1.551		0.987	14	-468.047	964.706
-0.453	-1.935	1.83		0.321	1.287	13	-469.089	964.71
8.619				0.48	-5.375	12	-470.128	964.71
0.951	-0.502	-1.99			0.253	9	-473.225	964.71
0.945			0.433		0.286	11	-471.165	964.713
0.943		-0.516	0.56		0.29	11	-471.165	964.714
		-0.534			0.927	9	-473.227	964.715
				0.285	0.891	10	-472.198	964.715
1.627	-0.409		0.379		-0.224	11	-471.167	964.718
			0.787		1.007	10	-472.2	964.719
0.953		0.323			0.246	10	-472.202	964.723
1.336			0.463		0.003	11	-471.17	964.724
			0.373		0.978	11	-471.173	964.731
	-3.952		-0.894		1.335	12	-470.139	964.731
		0.493			0.951	10	-472.206	964.732
0.945			0.392		0.287	10	-472.211	964.742
0.938		-0.207	0.54		0.297	10	-472.215	964.75
0.923			0.618		0.321	10	-472.222	964.763

		-0.173	0.437		0.98	11	-471.194	964.771
2.041			0.447		-0.511	10	-472.227	964.773
1.512					-0.172	10	-472.228	964.775
0.945		0.559			0.258	9	-473.258	964.777
1.01	-2.25	-0.431			0.168	10	-472.232	964.783
0.933			0.515		0.305	10	-472.232	964.783
		0.685			0.956	9	-473.262	964.786
0.924			0.613		0.319	10	-472.234	964.787
0.943		-0.635	0.611		0.291	11	-471.207	964.798
0.988	0.444	3.819	0.294	0.794	0.223	14	-468.096	964.805
0.932	-0.093	-0.542	0.482		0.308	10	-472.244	964.808
				0.155	0.914	11	-471.213	964.811
			0.442		0.981	11	-471.214	964.812
				0.263	0.898	10	-472.247	964.814
6.01	-3.066	-2.657			-3.481	11	-471.216	964.815
		-0.15	0.47		0.98	11	-471.217	964.817
	-0.559	1.083	-0.256		0.971	12	-470.182	964.818
0.939			0.412		0.295	10	-472.251	964.822
		-0.129	0.481		0.982	11	-471.22	964.823
		0.447	1.058	0.416	0.968	11	-471.223	964.83
0.938		-0.093	0.46		0.297	10	-472.257	964.833
		0.536	1.093	0.438	0.967	11	-471.226	964.836
		0.707	-0.416		0.995	13	-469.159	964.848
	-0.383	-0.15	0.411		0.973	11	-471.238	964.86
0.938		-3.117	1.353		0.304	12	-470.203	964.86
0.936		-0.254	0.52		0.3	10	-472.272	964.863
0.945		-1.375	1.191		0.287	10	-472.272	964.863
0.937	-0.106	-1.039	0.582		0.301	11	-471.24	964.864
	-0.89			0.164	0.927	9	-473.304	964.868
1.007	-0.713			0.122	0.176	9	-473.308	964.877
1.002	-2.168			0.018	0.182	10	-472.281	964.88
0.961	-0.482	-1.228			0.238	8	-474.337	964.881
0.976		1.287	1.134	0.587	0.238	12	-470.214	964.883
	-3.06	1.4	-0.199	0.468	1.355	11	-471.25	964.884
0.936		-0.26	0.506		0.301	10	-472.285	964.889
0.985	-0.174	5.517	-0.567	0.749	0.23	13	-469.183	964.896
0.995	-2.085	0.172			0.209	12	-470.223	964.9
0.98	-1.414	1.571		0.209	0.238	13	-469.187	964.904
			0.398		0.982	10	-472.293	964.905
		-0.523			0.949	9	-473.323	964.908
0.967	-0.531	0.801	-0.204		0.256	12	-470.227	964.908
4.836		-1.511	0.752		-2.587	11	-471.269	964.921
		-0.084	0.546		0.989	10	-472.302	964.924
0.925			0.573		0.317	10	-472.302	964.924
			0.527		0.99	10	-472.302	964.924
3.447	-1.282		0.461	0.313	-1.586	13	-469.197	964.926
2.048					-0.568	9	-473.334	964.928
3.252	-1.119		0.402	0.287	-1.444	13	-469.199	964.929

0.966		0.857	0.667	0.322	0.253	11	-471.274	964.932
0.963		-0.627	0.583		0.263	11	-471.277	964.938
0.969		0.791	1.422	0.638	0.248	12	-470.242	964.938
0.98		1.342	1.013	0.591	0.234	13	-469.206	964.943
			1.114	0.397	0.966	11	-471.284	964.952
			0.658		1.015	10	-472.317	964.953
		1.656	0.949	0.588	0.957	13	-469.214	964.959
0.947		-0.815	0.891		0.285	10	-472.326	964.972
		-0.589			0.937	10	-472.329	964.977
		-0.148	0.457		0.987	10	-472.33	964.98
			0.629		1.011	10	-472.332	964.983
			0.429		0.986	10	-472.332	964.983
		0.103	0.446		0.989	10	-472.332	964.984
0.982	-2.333		-0.251	-0.157	0.233	13	-469.228	964.986
		-0.138		0.234	0.908	10	-472.333	964.986
0.941		-0.872	0.639		0.296	11	-471.305	964.993
0.199		1.575	0.797	0.521	0.81	13	-469.234	964.998
		-0.099	0.477		0.988	10	-472.346	965.012
1.02				0.258	0.146	10	-472.347	965.013
	-3.64	0.591	-0.984		1.327	12	-470.285	965.024
7.366		-8.681	3.463		-4.427	14	-468.206	965.025
0.279	-0.43	0.602			0.772	12	-470.286	965.027
0.984		-0.553			0.212	10	-472.355	965.029
3.347	-3.262	-2.779	0.74		-1.501	14	-468.209	965.032
3.875			0.895	0.378	-1.886	11	-471.324	965.033
0.947		-0.587	0.789		0.285	10	-472.363	965.046
		0.741			0.966	11	-471.332	965.047
0.979	-0.601		-0.033	0.014	0.236	11	-471.335	965.053
0.963		0.616			0.253	11	-471.336	965.055
0.982	-5.838	-4.296		-0.421	0.217	12	-470.301	965.056
0.948			0.8		0.284	10	-472.377	965.074
0.975		1.039	1.186	0.556	0.238	12	-470.311	965.077
-0.245	0.042	1.752	0.761	0.521	1.138	13	-469.278	965.087
	0.064	1.684	0.804	0.533	0.956	13	-469.278	965.087
-0.51		1.823	0.707	0.506	1.334	13	-469.28	965.09
3.089		0.36	1.025	0.459	-1.313	12	-470.318	965.091
-2.563	-1.943	2.152	-0.693		2.866	13	-469.28	965.091
0.97		1.108	0.927	0.482	0.247	12	-470.323	965.099
0.957	-1.7	-1.053	0.79	0.234	0.269	12	-470.323	965.101
0.981	0.123	1.371	0.895	0.545	0.232	13	-469.289	965.108
3.879			0.992	0.424	-1.897	12	-470.328	965.111
3.891			1.036	0.441	-1.904	12	-470.331	965.116
0.948			0.678		0.284	10	-472.402	965.124
			0.788		0.994	11	-471.37	965.124
		-0.255	0.819		0.977	10	-472.405	965.129
0.937			0.771		0.304	11	-471.373	965.129
0.939			0.594		0.301	11	-471.373	965.129
0.943			0.69		0.294	11	-471.374	965.131

		1.071	1.377	0.636	0.962	12	-470.34	965.135
	-2.1	1.41	-0.569		0.972	13	-469.303	965.136
0.958	-0.455	0.947		0.115	0.268	11	-471.383	965.15
3.072	-1.658			0.162	-1.316	13	-469.312	965.154
1.754	-0.438		-0.027		-0.331	12	-470.352	965.158
0.962		0.823	0.582	0.294	0.258	11	-471.39	965.163
0.986	-0.808	0.23			0.214	9	-473.453	965.167
	-0.344	-0.462		-0.026	0.969	10	-472.427	965.173
		-0.383			0.949	9	-473.458	965.176
	-0.122			0.155	0.983	10	-472.43	965.179
8.46		-5.309	1.628		-5.216	13	-469.325	965.181
0.951					0.27	10	-472.431	965.181
0.973	-2.559	-0.415	-0.191	-0.253	0.249	13	-469.328	965.186
2.479	-0.659				-0.828	11	-471.404	965.191
			0.808		0.981	10	-472.436	965.192
0.951	-0.672			0.068	0.275	11	-471.405	965.193
0.971					0.233	10	-472.44	965.198
	-2.556	1.296		0.461	1.365	11	-471.408	965.2
		1.388	0.913	0.495	0.961	12	-470.373	965.201
		-0.583			0.94	9	-473.47	965.201
			0.593		0.989	11	-471.41	965.203
0.974			1.434	0.573	0.24	12	-470.377	965.207
0.975			1.412	0.564	0.239	12	-470.377	965.209
3.9			1.163	0.546	-1.923	13	-469.339	965.209
0.966	-0.94				0.245	9	-473.476	965.214
	-2.585	1.349		0.484	1.365	11	-471.416	965.215
	-2.643	1.293		0.476	1.365	11	-471.416	965.216
	-2.638	1.342		0.479	1.365	11	-471.417	965.218
0.968		0.885	1.016	0.482	0.249	12	-470.382	965.219
2.554				0.233	-0.982	11	-471.418	965.219
0.969	-2.067	1.123	-0.508		0.255	13	-469.351	965.233
1	-0.588			0.128	0.185	9	-473.488	965.236
1.877					-0.435	11	-471.428	965.241
		1.931		0.294	0.933	12	-470.395	965.244
		-0.097	1.024		0.972	10	-472.463	965.245
0.989	-1.148		0.418	0.28	0.221	13	-469.358	965.246
			0.989		0.994	10	-472.466	965.252
0.946			1.012		0.287	10	-472.474	965.267
1.004				0.19	0.163	11	-471.442	965.268
		-2.813	1.321		0.995	12	-470.407	965.268
0.938			0.681		0.299	10	-472.475	965.269
		-0.248	0.733		0.981	10	-472.476	965.271
0.958		-0.714	0.679		0.268	11	-471.452	965.287
			1.039		0.983	10	-472.486	965.29
			0.697		0.982	10	-472.488	965.295
					0.948	10	-472.489	965.296
0.972	0.112	0.962	0.889	0.414	0.243	11	-471.457	965.297
4.642	-2.537	-2.174		-0.12	-2.427	13	-469.384	965.299

3.572	0.282		0.977	0.366	-1.667	11	-471.458	965.3
				0.248	0.896	10	-472.491	965.302
0.942	-0.755		-0.106		0.293	11	-471.459	965.302
	-5.86	-4.033		-0.411	0.941	12	-470.425	965.305
	-0.324				1.123	8	-474.549	965.307
0.964		0.842	0.499	0.254	0.257	11	-471.464	965.311
0.933	-0.634	0.247			0.311	11	-471.465	965.314
0.943		-0.936	0.928		0.292	10	-472.499	965.318
0.964			0.739	0.292	0.256	11	-471.469	965.321
	-0.993	-0.684	0.186		0.976	12	-470.435	965.324
0.963		0.554	0.88	0.396	0.258	11	-471.471	965.325
5.171		-1.397	0.752		-2.827	10	-472.506	965.332
2.102	-1.169		0.834	0.34	-0.575	12	-470.44	965.335
0.968				0.176	0.207	9	-473.538	965.337
		1.103	1.012	0.491	0.963	12	-470.447	965.349
0.948		0.789			0.271	10	-472.519	965.357
	-3.106	0.765	-0.917	0.107	1.331	12	-470.454	965.363
		0.963			0.975	10	-472.523	965.365
2.634	-0.668	-0.263			-0.996	11	-471.491	965.366
0.943	-0.623	0.82	-0.208		0.292	11	-471.491	965.366
3.164			0.55	0.215	-1.366	11	-471.494	965.372
	-3.158			0.059	0.942	11	-471.496	965.375
-1.267	-3.404				1.881	11	-471.5	965.384
		1.05	0.504	0.264	0.97	11	-471.502	965.387
		0.325	1.491	0.609	0.967	12	-470.467	965.388
0.991		1.667		0.28	0.198	12	-470.467	965.388
	-3.112	-0.069		0.035	0.93	11	-471.503	965.389
0.952		-0.932	0.801		0.278	11	-471.505	965.394
0.956		-0.7	0.698		0.273	11	-471.506	965.395
0.928	-0.33	-1.354			0.287	9	-473.57	965.402
		0.314	1.498	0.605	0.965	12	-470.474	965.402
0.932	-2.82	-1.209	-0.52	-0.243	0.308	13	-469.436	965.403
0.951		-0.923	0.802		0.278	11	-471.512	965.407
	-1.656	-0.758	0.794	0.252	0.974	12	-470.477	965.408
	-0.471		0.25	0.136	0.973	11	-471.516	965.416
	-0.937				0.955	9	-473.578	965.417
	-0.926	0.013			0.955	9	-473.579	965.419
	-5.601		-2.221	-0.302	1.317	13	-469.447	965.424
					1.059	8	-474.61	965.429
0.97	0.222	0.792	0.939	0.41	0.247	11	-471.523	965.429
	-5.153		-1.661	-0.197	1.336	13	-469.456	965.443
0.965	0.017		0.906	0.356	0.255	11	-471.536	965.455
	-0.6	0.433			0.999	11	-471.536	965.455
0.977	-2.962			0.078	0.222	11	-471.537	965.457
0.967	0.269	0.662	0.972	0.403	0.252	11	-471.537	965.457
0.959	0.269	0.449	0.946	0.369	0.263	11	-471.538	965.459
		1.025			0.963	10	-472.572	965.463
		0.285	0.779	0.32	0.974	11	-471.54	965.463

1.022				0.44	0.117	9	-473.601	965.464
	-0.673			0.059	0.975	11	-471.542	965.468
	-3.206	0.398	-1.109		1.329	12	-470.508	965.471
	-1.003	-0.791		0.046	0.955	12	-470.51	965.473
0.974					0.227	10	-472.578	965.474
0.937					0.268	9	-473.61	965.481
		1.529		0.223	0.932	10	-472.582	965.483
				0.179	0.904	11	-471.55	965.484
0.972			0.89	0.423	0.242	12	-470.517	965.489
	-4.352		-1.404	-0.324	1.297	12	-470.518	965.491
3.623	0.289		1.139	0.526	-1.719	13	-469.48	965.491
0.945		1.238	-0.529		0.289	12	-470.519	965.492
-2.793	-0.392	2.501		0.301	3.016	13	-469.483	965.496
2.921					-1.153	12	-470.521	965.497
4.312	-2.251	-1.773	0.156		-2.196	13	-469.485	965.501
0.957		0.855			0.256	10	-472.592	965.503
0.98	-1.156	0.299	0.089		0.238	12	-470.527	965.507
		-0.51	0.671		0.976	11	-471.563	965.509
		0.785	0.871	0.401	0.968	11	-471.565	965.513
	-4.792	1.003	-1.548		1.33	13	-469.492	965.515
	0.301			0.086	0.99	11	-471.57	965.525
		-0.459		0.087	0.929	9	-473.633	965.527
0.972	-0.074		0.467	0.182	0.244	11	-471.576	965.535
1.379			0.635		-0.032	11	-471.578	965.54
0.972		1.341		0.216	0.213	10	-472.611	965.54
					1.09	7	-475.69	965.542
0.979	-1.366	0.447	0.027		0.24	12	-470.548	965.551
	-0.745		-0.097		0.983	11	-471.584	965.552
	-0.734	-0.059		0.06	0.985	11	-471.585	965.554
	-2.813	-0.942	-0.585	-0.25	0.997	13	-469.514	965.558
0.997	-0.503			0.113	0.189	9	-473.65	965.56
0.944			0.479		0.291	11	-471.589	965.562
	-1.174		0.374	0.254	0.949	13	-469.517	965.565
0.678	-1.857		0.459		0.502	11	-471.594	965.571
	0.035	0.415	0.925	0.387	0.97	11	-471.597	965.577
0.981	-0.661	0.095			0.22	9	-473.659	965.58
2.195				0.148	-0.693	12	-470.564	965.582
-1.157	-2.357		0.952	0.205	1.831	13	-469.526	965.583
-2.037	-0.63	2.48		0.409	2.427	12	-470.565	965.583
			1.411	0.553	0.957	12	-470.571	965.597
0.975	-2.925	-1.494		0.023	0.227	11	-471.607	965.598
			1.394	0.546	0.956	12	-470.572	965.598
0.986			1.245	0.457	0.224	12	-470.573	965.6
	0.258	0.948	0.963	0.418	0.965	11	-471.609	965.602
		-0.736	0.929		0.986	10	-472.642	965.604
0.969	0.119		0.711	0.254	0.249	11	-471.612	965.608
2.097		-1.301			-0.562	14	-468.498	965.61
0.942			-0.217		0.293	12	-470.581	965.617

0.926		-1.34			0.27	8	-474.705	965.618
			1.185	0.527	0.949	12	-470.584	965.623
			0.728	0.278	0.965	11	-471.624	965.632
	-3.229		-1.034	0.015	1.327	12	-470.595	965.644
	-0.303	1.259		0.112	0.97	11	-471.632	965.648
2.375	-1.931		-0.253		-0.787	13	-469.561	965.653
		-0.719	0.795		0.98	11	-471.636	965.656
2.593					-0.958	10	-472.669	965.658
0.959	-0.305	1.061		0.103	0.262	11	-471.638	965.66
		-0.679	0.782		0.979	11	-471.638	965.66
0.988					0.199	8	-474.727	965.661
0.981				0.066	0.212	10	-472.671	965.662
	-0.755	-0.1	-0.034		0.995	11	-471.644	965.671
0.934		0.238			0.309	12	-470.615	965.685
					1.072	8	-474.74	965.689
2.682	-0.563				-1.034	9	-473.717	965.694
2.901		0.255	0.722	0.295	-1.173	11	-471.656	965.696
0.992					0.196	9	-473.719	965.698
		0.275	0.594		0.975	11	-471.661	965.705
					0.943	10	-472.696	965.712
		0.442			0.938	10	-472.7	965.719
		0.241	0.621		0.974	11	-471.669	965.723
			0.528		0.986	11	-471.673	965.729
1.507			0.68		-0.125	11	-471.677	965.738
0.969				0.106	0.23	10	-472.71	965.739
0.913	-1.09	6.297	-1.712	0.314	0.362	14	-468.565	965.744
0.899					0.307	8	-474.768	965.745
3.594		0.061	1.695	0.755	-1.687	14	-468.569	965.751
				0.431	0.871	9	-473.747	965.755
3.733					-1.772	11	-471.688	965.759
0.944		-0.934	0.896		0.289	10	-472.722	965.763
	-4.857	-0.015	-1.748	-0.159	1.332	13	-469.618	965.766
	-3.069		-1.505	-0.213	1.26	11	-471.693	965.769
1.81			0.893		-0.337	10	-472.729	965.778
	0.021		0.907	0.346	0.964	11	-471.7	965.784
0.966					0.24	10	-472.737	965.793
1.481			0.735		-0.105	11	-471.706	965.796
		0.096	0.505		0.979	11	-471.706	965.797
	0.251	0.209	0.924	0.33	0.97	11	-471.707	965.798
0.953	-0.114	-0.527	0.656		0.277	10	-472.743	965.804
	-0.507			0.102	0.924	9	-473.774	965.81
	-3.628			0.318	1.369	11	-471.713	965.81
		0.127	1.049	0.429	0.971	12	-470.686	965.827
0.982	-0.565	0.059			0.217	9	-473.784	965.829
			0.513		0.963	11	-471.723	965.83
0.964	-0.245	-0.152	0.54		0.261	10	-472.757	965.833
		0.76			0.953	11	-471.725	965.833
	0.082	0.243	1.204	0.537	0.962	13	-469.652	965.834

-2.539		0.746		0.183	2.814	14	-468.611	965.836
0.956	-0.12	-0.421	0.633		0.273	10	-472.758	965.836
		0.443			0.997	12	-470.699	965.852
0.963		0.597			0.242	11	-471.744	965.872
					0.926	8	-474.835	965.878
0.986				0.062	0.2	10	-472.779	965.878
0.993				0.364	0.198	11	-471.748	965.88
0.944	-0.337		0.555		0.292	10	-472.781	965.881
2.164	-0.176		0.595		-0.609	10	-472.781	965.882
0.064	-2.394		-0.547	-0.166	0.951	13	-469.679	965.888
0.951		-0.646	0.752		0.28	10	-472.786	965.891
4.218	-3.823	-2.575			-2.184	12	-470.719	965.893
			0.977	0.411	0.958	12	-470.719	965.893
	-2.904	-1.219		0.038	0.946	11	-471.757	965.897
2.256					-0.722	10	-472.79	965.898
	0.102		0.689	0.238	0.962	11	-471.759	965.901
2.021	-1.562	0.128			-0.506	13	-469.69	965.911
					1.028	9	-473.827	965.916
				0.058	0.934	10	-472.798	965.916
					0.98	6	-476.898	965.917
0.996					0.18	9	-473.835	965.931
					0.977	7	-475.886	965.934
		-0.549		0.112	0.929	11	-471.777	965.937
			-0.146		0.985	12	-470.742	965.938
0.947	-0.363	0.714	-0.039		0.286	11	-471.78	965.943
	-4.509	0.324	-1.308		1.336	13	-469.706	965.944
		1.77		0.43	0.9	11	-471.782	965.947
1.05	-0.343	0.63			0.211	11	-471.782	965.948
	-3.888				1.384	10	-472.818	965.955
	-0.382	0.918	-0.075		0.985	11	-471.788	965.96
					0.925	9	-473.852	965.966
	-2.507		-0.998		1.197	10	-472.831	965.981
		-0.008	-0.102		0.997	12	-470.764	965.982
0.977					0.218	10	-472.832	965.983
1.016		1.472		0.412	0.15	11	-471.802	965.988
0.931		0.41			0.298	10	-472.835	965.99
	-0.573	0.256			0.942	9	-473.866	965.994
0.975		0.764		0.356	0.189	11	-471.806	965.996
1.809					-0.401	10	-472.841	966.001
0.96		0.247	0.137		0.264	12	-470.774	966.003
0.971					0.227	8	-474.898	966.004
		0.547	0.077		0.973	12	-470.779	966.011
					0.948	10	-472.85	966.019
	-0.546				1.091	8	-474.906	966.02
0.991		-0.229			0.198	10	-472.851	966.021
1.395			0.178		-0.058	12	-470.785	966.024
0.989					0.203	10	-472.857	966.033
-0.021		0.662			0.985	12	-470.79	966.033

	-0.324		0.567		0.986	10	-472.859	966.038
2.077			0.707		-0.544	10	-472.861	966.042
	-0.127	-0.33	0.648		0.98	10	-472.864	966.047
		-0.728	0.888		0.985	10	-472.865	966.049
0.956					0.266	11	-471.834	966.051
2.327	-0.281		0.119		-0.735	11	-471.834	966.052
					0.914	9	-473.902	966.065
1.669					-0.291	11	-471.841	966.067
0.996				0.203	0.195	11	-471.842	966.068
		-0.52		0.198	0.908	10	-472.875	966.069
2.583	-0.327			0.035	-0.944	11	-471.847	966.079
2.628			1.225	0.4	-0.972	12	-470.817	966.089
				0.051	0.927	10	-472.887	966.093
		1.969		0.417	0.904	11	-471.856	966.096
	-0.504	-0.344		0.064	0.932	9	-473.919	966.099
	-6.845	-2.942	-1.629	-0.755	1.33	13	-469.784	966.099
	-0.287	0.098	0.55		0.979	10	-472.892	966.104
0.996					0.181	8	-474.948	966.104
0.931	-0.38	-1.896			0.283	10	-472.894	966.108
		1.708		0.3	0.92	12	-470.828	966.11
1.999			0.774		-0.482	10	-472.901	966.121
		-0.362		0.385	0.881	9	-473.931	966.123
				0.302	1.001	8	-474.958	966.123
0.956		-0.07			0.266	11	-471.876	966.136
1.014		1.752		0.408	0.154	11	-471.877	966.138
-0.87			-0.02		1.641	14	-468.763	966.139
2.62					-0.998	10	-472.911	966.142
		-0.433	0.749		0.981	10	-472.912	966.143
0.969			1.448	0.449	0.247	12	-470.846	966.145
-1.669		2.074		0.344	2.149	12	-470.85	966.154
3.051		-1.008	-0.148		-1.248	14	-468.771	966.156
0.971		-0.027	1.449	0.437	0.244	12	-470.851	966.157
1.574	-2.376			0.158	-0.215	11	-471.887	966.158
					0.93	10	-472.92	966.16
		-0.001			0.93	10	-472.921	966.161
2.615	-2.424	0.008	-0.149		-0.956	13	-469.815	966.161
		-0.042			0.931	10	-472.922	966.163
					0.935	10	-472.922	966.164
	-0.438			0.017	1.057	8	-474.98	966.168
		-0.462			0.926	8	-474.983	966.174
5.085		-5.699	1.994		-2.755	15	-467.743	966.187
0.945		0.633			0.268	10	-472.938	966.194
	-0.408			0.045	1.123	10	-472.938	966.195
		0.793			0.967	10	-472.944	966.207
0.967		0.086	1.256	0.396	0.25	12	-470.877	966.209
0.953		0.709			0.271	10	-472.958	966.235
0.991		1.546		0.293	0.187	12	-470.892	966.237
0.99		0.146			0.204	10	-472.964	966.247

0.98				0.089	0.205	10	-472.965	966.25
0.934		-0.164			0.262	9	-474	966.26
	-4.51		-1.194		1.33	13	-469.867	966.265
6.571	-1.997	-2.671	0.772	0.128	-3.857	13	-469.868	966.266
					0.914	8	-475.033	966.275
2.739				0.141	-1.103	10	-472.986	966.292
6.94			0.435	0.481	-4.14	13	-469.882	966.294
					0.968	11	-471.96	966.304
			1.475	0.441	0.96	12	-470.937	966.327
		0.378	1.353	0.441	0.962	12	-470.938	966.329
	-3.155		-0.204	0.367	1.351	11	-471.979	966.342
		0.321	1.257	0.405	0.963	12	-470.95	966.355
		-0.663			0.912	9	-474.05	966.361
		0.251			0.968	11	-471.993	966.369
		0.344			0.933	10	-473.029	966.377
-2.841		2.456		0.301	3.042	13	-469.925	966.381
0.956	-0.866	1.021	-0.223	0.021	0.272	12	-470.963	966.381
4.32		-0.517	1.122	0.389	-2.215	12	-470.964	966.382
2.288					-0.736	10	-473.033	966.385
0.946		-1.373	0.66		0.29	12	-470.969	966.392
0.973		0.085			0.239	11	-472.005	966.394
					1.058	8	-475.099	966.406
					0.958	7	-476.126	966.413
		0.145			0.97	11	-472.02	966.424
3.201				0.294	-1.462	11	-472.021	966.425
	-4.017	1.085	-0.526	0.387	1.36	12	-470.988	966.43
0.937		-0.414			0.256	10	-473.062	966.444
					1.007	9	-474.092	966.446
3.283			1.109	0.423	-1.452	12	-470.997	966.448
0.947			0.509		0.283	11	-472.045	966.473
				0.08	0.927	10	-473.08	966.479
2.568				0.175	-0.977	12	-471.015	966.484
9.959				0.585	-6.358	13	-469.977	966.485
	-2.46			0.34	1.361	11	-472.055	966.494
0.946			0.613		0.285	11	-472.065	966.513
0.984	-0.747	1.459	-0.011	0.241	0.23	15	-467.906	966.515
-1.107	-1.437	1.993		0.294	1.779	14	-468.952	966.516
	-1.291	1.632	0.194	0.338	0.96	14	-468.952	966.518
0.947			0.428		0.284	11	-472.068	966.52
3.831	-0.299	-0.944	0.468		-1.853	12	-471.034	966.523
5.661	-5.785	-5.489		-0.469	-3.223	13	-469.999	966.528
		0.398		0.341	0.899	11	-472.072	966.528
0.065	-1.211	1.635	0.339	0.394	0.911	14	-468.964	966.542
1.02				0.299	0.141	11	-472.079	966.542
0.968					0.243	10	-473.112	966.544
		-0.513		0.16	0.917	11	-472.082	966.549
0.978	-1.219	1.374	0.283	0.353	0.237	14	-468.971	966.554
-0.771	-1.633	1.846	-0.021	0.276	1.531	14	-468.971	966.556

0.999	-0.818	0.89		0.206	0.188	10	-473.126	966.571
3.393		-0.828	0.538		-1.522	12	-471.061	966.577
		-0.191	0.713		0.979	11	-472.097	966.578
			0.643		0.98	11	-472.102	966.588
0.984	-0.964			0.183	0.211	10	-473.139	966.598
	-4.978	-0.176	-1.294	-0.447	1.32	12	-471.073	966.601
			0.521		0.98	11	-472.114	966.612
	-3.551				1.365	11	-472.12	966.624
4.681			1.57	0.661	-2.487	13	-470.049	966.629
0.798	-0.427				0.478	7	-476.235	966.633
4.618			1.51	0.636	-2.443	13	-470.052	966.635
4.887		-0.126	1.55	0.639	-2.64	13	-470.056	966.643
	-4.143		-1.078	-0.109	1.334	13	-470.059	966.65
1.581			0.358		-0.184	12	-471.102	966.658
	-2.681			0.39	1.358	11	-472.138	966.66
		-0.623			0.914	8	-475.235	966.679
5.652		-1.719	0.918		-3.176	11	-472.148	966.679
				0.344	0.925	11	-472.148	966.681
0.952		-0.115	0.385		0.277	12	-471.114	966.683
					1.009	9	-474.213	966.688
0.937		-0.384	0.614		0.299	11	-472.153	966.689
0.937		-0.482	0.665		0.299	11	-472.153	966.69
			0.45		0.981	11	-472.157	966.698
		-0.261	0.595		0.984	11	-472.16	966.704
0.962		0.304	1.067	0.416	0.258	12	-471.126	966.706
0.934			0.433		0.304	11	-472.163	966.709
		1.562		0.164	0.953	11	-472.165	966.714
3.401		-0.617	0.504		-1.52	11	-472.167	966.719
					0.973	8	-475.257	966.722
0.943				0.203	0.236	9	-474.231	966.723
0.939		-0.847	0.863		0.296	11	-472.17	966.724
		-1.091	0.654		0.987	12	-471.137	966.729
2.145			0.383		-0.595	11	-472.175	966.733
0.95	-0.526	-2.019		-0.041	0.256	10	-473.208	966.736
1.003				0.506	0.14	9	-474.239	966.74
			0.8		1	11	-472.178	966.74
0.948		-0.304	0.487		0.282	12	-471.145	966.744
0.955		-1.149	1.166		0.272	11	-472.18	966.744
0.925		-1.819			0.269	9	-474.242	966.744
				0.292	0.893	11	-472.184	966.752
	-3.396	0.481			1.376	10	-473.218	966.754
	-4.991		-1.073	-0.357	1.348	12	-471.154	966.763
3.531				0.277	-1.704	11	-472.19	966.763
0.967		1.371		0.156	0.239	11	-472.19	966.764
1.355			0.435		-0.015	12	-471.157	966.769
	-4.914		-1.104	-0.369	1.341	12	-471.16	966.773
0.554		0.391			0.541	11	-472.201	966.785
1.008	-2.457	-0.802		-0.083	0.172	11	-472.201	966.785

		0.191	0.331		0.978	12	-471.166	966.786
1.977			0.505		-0.463	11	-472.205	966.793
0.994				0.459	0.164	10	-473.239	966.798
0.944		0.132	0.368		0.288	11	-472.207	966.798
6.525	-3.242	-3.16		-0.081	-3.851	12	-471.173	966.8
					1.011	9	-474.272	966.806
	-3.951	0	-0.894		1.335	13	-470.139	966.808
2.181			0.395		-0.618	11	-472.213	966.809
0.937		-0.291	0.574		0.298	11	-472.213	966.811
		-0.235	0.545		0.987	11	-472.213	966.811
		-0.405			0.961	10	-473.247	966.814
-2.012	-0.632	1.678	-0.385		2.457	13	-470.143	966.817
5.673		-1.913	0.849		-3.195	12	-471.187	966.828
0.536		0.633			0.56	10	-473.256	966.832
	-2.628	8.084	-2.687	0.976	1.317	14	-469.11	966.834
	-0.987	0.135		0.185	0.938	10	-473.259	966.838
	-4.948	2.458	-2.474		1.317	14	-469.123	966.859
0.926					0.286	9	-474.304	966.87
0.931		0.671			0.306	11	-472.248	966.88
		-0.048	0.451		0.981	12	-471.214	966.882
0.941		-0.011	0.417		0.294	11	-472.251	966.886
		0.595	1.005	0.411	0.967	12	-471.218	966.891
	-0.952			0.168	0.936	10	-473.286	966.892
		0.376	0.338		0.985	11	-472.258	966.9
5.342		-1.802	0.853		-2.955	12	-471.228	966.91
0.972		1.036	1.299	0.622	0.244	13	-470.191	966.913
		1.564		0.156	0.945	11	-472.268	966.919
0.947		-1.442	1.225		0.284	11	-472.272	966.927
0.961	-0.491	-1.234		-0.016	0.239	9	-474.334	966.929
					1.037	7	-476.384	966.931
0.915					0.3	8	-475.362	966.932
	-2.928	1.418	-0.205	0.481	1.355	12	-471.241	966.936
				0.164	1.084	9	-474.338	966.937
					0.953	10	-473.31	966.94
	-3.086	1.275	-0.204	0.46	1.356	12	-471.244	966.941
		-0.961	1.174		0.975	11	-472.283	966.95
4.64		-1.393	0.697		-2.444	12	-471.249	966.952
		-0.517		0.024	0.949	10	-473.317	966.954
		-0.56			0.948	10	-473.318	966.955
0.979		-0.895			0.22	11	-472.286	966.955
		-0.277			0.908	8	-475.377	966.962
0.977		-1.144			0.193	7	-476.4	966.962
0.952		-0.599	0.84		0.277	11	-472.29	966.964
0.917					0.288	9	-474.357	966.974
3.528	-1.034		0.588	0.358	-1.647	14	-469.18	966.974
				0.22	0.99	7	-476.409	966.979
0.979					0.194	7	-476.409	966.98
0.977					0.196	8	-475.387	966.983

0.954		0.919			0.266	11	-472.3	966.984
		1.066			0.972	11	-472.301	966.986
		-0.074	0.547		0.99	11	-472.302	966.988
0.871					0.368	7	-476.414	966.989
0.972		1.367		0.15	0.226	11	-472.308	967
0.994	-0.626	0.8		0.206	0.195	10	-473.342	967.004
0.97		0.83	1.406	0.633	0.245	13	-470.24	967.01
		0.256	0.369		0.988	11	-472.317	967.018
0.853		1.402	0.997	0.589	0.327	14	-469.206	967.025
3.499			0.773	0.326	-1.609	12	-471.286	967.027
2.908	-0.681			0.081	-1.164	12	-471.287	967.028
0.95	-0.599	0.66		0.111	0.279	12	-471.296	967.047
0.955		1.135		0.199	0.255	11	-472.333	967.051
1.01				0.33	0.141	8	-475.424	967.057
		-0.254			0.91	7	-476.449	967.06
1.013				0.186	0.155	10	-473.374	967.067
		1.385	1.24	0.624	0.96	13	-470.269	967.069
	-3.802	0.478	-1.081	-0.071	1.325	13	-470.27	967.071
5.959		-1.909	0.942		-3.401	11	-472.348	967.08
0.965				0.129	0.22	10	-473.38	967.08
2.322			0.662		-0.727	11	-472.349	967.081
4.354		-0.269	0.904	0.363	-2.238	12	-471.315	967.084
0.949		-0.479	0.751		0.282	11	-472.357	967.099
1.704			0.797		-0.272	11	-472.359	967.101
					0.915	8	-475.447	967.102
2.616		0.687	0.946	0.463	-0.967	13	-470.287	967.104
3.755	0.017		0.896	0.376	-1.799	12	-471.325	967.105
1.019		1.162		0.551	0.122	10	-473.394	967.108
0.209		0.73			0.812	12	-471.331	967.116
-2.359	-2.136	2.109	-0.708		2.716	14	-469.254	967.122
2.771	-0.942				-1.082	10	-473.402	967.123
					0.914	7	-476.482	967.126
	-6.009	-1.596			1.338	10	-473.405	967.128
	-0.576	0.878		0.12	0.977	12	-471.341	967.135
0.949			0.791		0.281	11	-472.377	967.139
	-5.528	0.673	-2.141	-0.23	1.322	14	-469.267	967.147
		-0.222	0.886		0.976	11	-472.386	967.156
0.96		0.648		0.235	0.217	10	-473.418	967.156
		-0.479			0.945	10	-473.419	967.157
3.996				0.462	-2.071	10	-473.42	967.159
0.959	-0.246	0.897	0.277	0.199	0.264	12	-471.353	967.159
0.997				0.212	0.18	9	-474.451	967.164
3.249		0.313	1.025	0.457	-1.432	13	-470.318	967.167
-0.176	0.057	1.733	0.793	0.531	1.086	14	-469.278	967.169
-2.514		2.537		0.323	2.793	13	-470.322	967.174
0.937			0.667		0.303	12	-471.362	967.178
	-4.359		-0.221		1.354	11	-472.399	967.182
		-0.383	0.833		0.979	11	-472.4	967.184

0.261			0.783		0.802	12	-471.366	967.187
0.975			1.26	0.581	0.239	13	-470.328	967.187
2.638	-0.761		-0.118		-0.951	12	-471.367	967.189
0.96		0.678	0.671	0.321	0.262	12	-471.368	967.191
			0.743		0.994	12	-471.369	967.191
1.279			0.593		0.051	12	-471.37	967.194
		-0.661			0.942	11	-472.407	967.197
0.956	-0.448		0.282	0.155	0.269	12	-471.371	967.197
		-0.393		0.036	0.943	10	-473.439	967.197
		1.084	1.345	0.622	0.962	13	-470.334	967.198
0.959					0.256	11	-472.408	967.199
		1.424		0.567	0.872	10	-473.442	967.203
0.93		-0.776			0.262	9	-474.471	967.204
2.564				0.204	-0.987	12	-471.378	967.21
0.971	-0.957	-0.323			0.238	10	-473.45	967.22
0.929		1.177	-0.7		0.314	13	-470.345	967.22
		-0.836			0.925	9	-474.483	967.228
0.921	-0.373	-1.407		-0.097	0.305	10	-473.455	967.23
0.937	-0.776	0.517	-0.207		0.301	12	-471.39	967.234
			0.862		0.983	11	-472.43	967.243
1.498					-0.155	11	-472.43	967.244
		-0.572		0.024	0.937	10	-473.463	967.246
2.982	-0.68	-0.174			-1.201	12	-471.397	967.248
1.003				0.159	0.169	9	-474.495	967.251
0.993				0.101	0.192	11	-472.434	967.252
3.721			-0.389		-1.747	13	-470.361	967.253
				0.255	0.955	10	-473.467	967.254
	-2.506	1.313		0.459	1.364	12	-471.405	967.264
					1.062	8	-475.529	967.266
0.903					0.311	6	-477.573	967.267
	-2.561	1.258		0.459	1.365	12	-471.407	967.269
	-2.558	1.295		0.46	1.365	12	-471.408	967.27
	-5.759		-2.099	-0.323	1.322	14	-469.332	967.277
3.668	-2.814	-1.945	-0.341	-0.224	-1.706	14	-469.334	967.281
7.33		-2.844	0.719		-4.4	13	-470.376	967.283
	-2.601	1.327		0.482	1.365	12	-471.416	967.286
	-2.585	1.349		0.484	1.365	12	-471.416	967.286
	-2.639	1.29		0.477	1.365	12	-471.416	967.286
	-5.42				1.374	9	-474.517	967.294
8.747			0.881	0.757	-5.464	14	-469.346	967.305
		1.392	-0.727		0.999	13	-470.388	967.306
	-0.779	0.764	-0.245		0.991	12	-471.432	967.319
		0.92	0.642	0.321	0.97	12	-471.433	967.321
	-0.34			-0.039	1.129	9	-474.531	967.322
	-4.183	0.417	-0.284		1.348	11	-472.469	967.323
0.969		-1.948			0.202	8	-475.558	967.325
				0.321	0.885	8	-475.561	967.33
0.643			1.015		0.51	11	-472.474	967.332

	-0.267				1.114	9	-474.537	967.334
		-0.257	0.736		0.981	11	-472.476	967.335
3.436	0.203		0.838	0.318	-1.566	12	-471.448	967.351
5.585		-1.596	0.801		-3.13	11	-472.484	967.352
1.914		0.614	0.523	0.247	-0.442	12	-471.449	967.353
0.941				0.286	0.232	10	-473.521	967.361
3.345	0.277	0.168	0.972	0.379	-1.5	12	-471.455	967.364
					1.111	9	-474.553	967.366
2.668					-1.016	11	-472.491	967.366
6.525		-1.221			-3.828	12	-471.457	967.367
5.049	-0.061	-1.297	0.693		-2.74	11	-472.493	967.37
	-5.77	-0.353	-1.968	-0.349	1.325	14	-469.379	967.37
0.963	0.054	0.816	0.585	0.281	0.258	12	-471.461	967.376
				0.357	0.996	10	-473.529	967.377
3.17	-0.494			0.132	-1.411	10	-473.529	967.377
0.95		-0.773	0.645		0.282	12	-471.467	967.389
0.963	0.072	0.562	0.92	0.403	0.258	12	-471.468	967.39
				0.083	1.082	8	-475.603	967.415
		0.322	1.429	0.631	0.969	13	-470.443	967.417
0.66		0.847			0.487	11	-472.517	967.417
	-0.34	0.167	0.452	0.215	0.978	12	-471.482	967.418
0.949		0.794			0.273	11	-472.518	967.42
	-3.137	0.622	-0.921	0.099	1.332	13	-470.445	967.421
		0.983			0.973	11	-472.519	967.422
				0.176	0.902	10	-473.552	967.423
-0.817	-3.27			0.044	1.544	12	-471.485	967.424
0.994	-0.499	0.745		0.182	0.193	10	-473.554	967.427
		1.461		0.191	0.939	11	-472.533	967.449
				0.137	0.996	10	-473.568	967.455
	0.015	1.035	0.521	0.269	0.97	12	-471.502	967.457
3.592					-1.715	10	-473.571	967.461
	-0.947	-0.107			0.954	10	-473.575	967.469
	-0.468		0.248	0.135	0.973	12	-471.517	967.487
	-2.939		-0.856		1.196	11	-472.552	967.488
0.969		1.268		0.183	0.223	11	-472.557	967.498
2.64			0.395		-0.957	12	-471.526	967.505
		1.052			0.963	11	-472.563	967.511
0.982		0.718			0.214	10	-473.596	967.511
					0.959	11	-472.566	967.517
3.976		-0.392			-1.931	13	-470.493	967.517
					1.099	8	-475.655	967.519
3.136					-1.38	9	-474.63	967.521
2.826				0.078	-1.146	11	-472.57	967.524
-0.272		1.082			1.165	11	-472.571	967.526
	-0.503	0.994		0.195	0.927	10	-473.604	967.528
				0.15	0.907	9	-474.634	967.53
0.936		0.052			0.271	10	-473.609	967.537
-0.617		1.652		0.227	1.388	11	-472.577	967.538

				0.091	0.924	11	-472.582	967.549
	-4.086		-0.204	0.304	1.36	12	-471.547	967.549
0.988		-1.91			0.187	10	-473.616	967.552
0.957		0.868			0.254	11	-472.586	967.557
	0.089	0.826	0.925	0.417	0.968	12	-471.558	967.571
	-3.625		-0.433		1.232	10	-473.628	967.576
0.927		-1.17			0.267	9	-474.658	967.576
		-0.309		0.283	0.893	8	-475.687	967.582
		2.337		0.376	0.911	11	-472.607	967.597
		2.119		0.26	0.941	12	-471.577	967.608
	-4.414	-0.792			1.357	11	-472.615	967.614
	-6.699		-2.928	-0.613	1.315	12	-471.581	967.615
1.006		2.162		0.372	0.167	11	-472.618	967.619
0.929		-1.317		0.044	0.264	9	-474.681	967.622
		0.921			0.939	10	-473.652	967.623
	-3.333			0.261	1.37	12	-471.592	967.637
			1.329	0.554	0.957	13	-470.561	967.652
	-3.539				1.397	11	-472.642	967.668
		-0.579	0.659		0.982	12	-471.607	967.668
0.976				0.078	0.218	11	-472.646	967.675
					1.015	9	-474.711	967.683
3.787	-0.544	-0.468			-1.853	10	-473.683	967.684
0.985		0.228			0.204	9	-474.714	967.689
2.672					-1.01	11	-472.655	967.694
0.994				0.362	0.162	8	-475.743	967.695
0.987					0.201	9	-474.722	967.704
0.981		1.915		0.25	0.216	12	-471.626	967.706
0.183	-0.303	1.218		0.11	0.835	12	-471.631	967.716
0.949	-0.346	-0.664	0.595		0.284	11	-472.668	967.72
0.987				0.299	0.209	12	-471.638	967.73
	-4.961	4.454	-3.335		1.31	13	-470.6	967.731
				-0.019	1.074	9	-474.735	967.732
				0.207	1.043	9	-474.742	967.745
	-3.643			0.327	1.365	12	-471.647	967.748
		0.263	0.52		0.977	12	-471.653	967.759
1.01				0.158	0.154	9	-474.756	967.772
					1.006	7	-476.819	967.8
2.54				0.075	-0.944	11	-472.71	967.804
3.581					-1.659	12	-471.678	967.81
0.955					0.227	7	-476.828	967.819
		0.433			0.932	9	-474.792	967.844
4.825					-2.581	11	-472.736	967.855
2.099	-0.359		0.536		-0.557	11	-472.741	967.866
					1.01	8	-475.83	967.868
	-6.341	-0.789	-1.829	-0.651	1.321	13	-470.669	967.869
	-5.384			0.13	1.337	10	-473.777	967.873
-0.21		0.825			1.111	12	-471.723	967.901
1					0.173	9	-474.827	967.915

					0.927	9	-474.832	967.926
3.545		-0.714			-1.687	11	-472.774	967.932
2.109					-0.639	10	-473.806	967.932
0.987				0.065	0.198	11	-472.774	967.933
				0.067	0.937	11	-472.786	967.955
				0.221	0.948	9	-474.848	967.956
				0.518	0.943	9	-474.848	967.957
2.101					-0.608	11	-472.79	967.963
					1.03	10	-473.825	967.969
	-3.972			0.021	1.378	11	-472.793	967.971
0.944					0.251	9	-474.855	967.971
0.997		-0.042			0.179	10	-473.835	967.989
0.926	-0.417	-1.936		-0.09	0.295	11	-472.805	967.993
	-0.329	-0.448	0.595		0.983	11	-472.808	968
				0.145	0.899	9	-474.872	968.006
-0.585		1.93		0.44	1.332	12	-471.778	968.01
		9.821	-2.36	1.275	1.31	13	-470.74	968.01
0.76	-0.369	0.762	-0.049		0.424	12	-471.78	968.014
0.983					0.196	8	-475.904	968.017
		1.749		0.426	0.9	12	-471.781	968.017
				0.149	0.968	8	-475.906	968.02
		-0.452		0.109	0.917	9	-474.88	968.02
		-0.633			0.959	10	-473.851	968.022
	-6.034	-2.169	-1.5	-0.566	1.329	14	-469.711	968.034
2.177					-0.672	11	-472.831	968.045
2.629					-1.019	9	-474.893	968.047
0.972		-0.071			0.225	9	-474.897	968.054
1.013		1.41		0.407	0.152	12	-471.803	968.061
0.931		-1.157			0.258	10	-473.876	968.071
	-0.541			0.007	1.09	9	-474.905	968.071
-2.134		2.243		0.318	2.498	13	-470.771	968.072
0.96		-0.318			0.259	12	-471.811	968.076
0.673		0.337	0.122		0.477	13	-470.774	968.078
					0.909	9	-474.909	968.079
0.991		-0.212			0.199	11	-472.85	968.085
0.965					0.228	8	-475.94	968.088
2.671			1.432	0.465	-1.005	13	-470.783	968.096
0.82	-0.308				0.448	8	-475.945	968.098
		13.319	-2.589	1.944	1.32	14	-469.746	968.105
3.542		-0.498	1.254	0.374	-1.647	13	-470.788	968.107
		0.17			0.916	10	-473.896	968.112
	-3.995	-0.795			1.349	12	-471.829	968.113
0.908				0.266	0.282	9	-474.933	968.126
0.994		0.182			0.184	9	-474.941	968.142
	-3.885		-0.464	0.314	1.35	12	-471.844	968.143
				0.055	0.924	11	-472.882	968.147
0.977		-1.06		0.217	0.189	8	-475.971	968.151
2.673				0.1	-1.042	11	-472.885	968.153

-0.65		2.238		0.436	1.38	12	-471.85	968.155
		-0.147			0.917	8	-475.978	968.165
		-0.367			0.931	9	-474.952	968.166
					0.919	8	-475.985	968.178
	-6.855	-2.94	-1.634	-0.757	1.33	14	-469.784	968.182
3.203		-0.268			-1.431	11	-472.901	968.186
0.969		-0.083	1.476	0.448	0.248	13	-470.844	968.219
		-0.032			0.929	11	-472.922	968.227
0.692		0.674			0.456	11	-472.937	968.257
		0.391			0.92	9	-475.001	968.263
	-3.047	0.691			1.364	11	-472.947	968.278
0.957		0.773			0.264	11	-472.951	968.285
	-2.397				1.239	9	-475.014	968.29
					0.989	8	-476.042	968.293
3.649	-0.971			0.209	-1.749	11	-472.966	968.316
	-3.222				1.378	12	-471.941	968.336
	-4.302	1.482	-0.638	0.387	1.357	13	-470.913	968.356
		-0.135			0.967	12	-471.959	968.373
	-2.246			0.336	1.357	12	-471.96	968.374
		0.191	1.431	0.447	0.961	13	-470.931	968.393
				0.067	0.994	10	-474.038	968.396
5.109		-0.859	1.319	0.435	-2.795	13	-470.935	968.401
				0.261	0.933	12	-471.983	968.421
0.892				0.237	0.32	7	-477.13	968.421
4.766		-1.854	1.156		-2.534	12	-471.984	968.422
		3.598		0.83	1.34	11	-473.027	968.438
					0.967	8	-476.119	968.446
0.894					0.343	8	-476.12	968.448
2.858				0.307	-1.211	12	-472	968.454
5.558		-1.943			-3.153	12	-472.003	968.461
1.004		-0.954		0.332	0.153	11	-473.039	968.462
	-3.837	1.109	-0.532	0.404	1.36	13	-470.972	968.475
2.223			0.411		-0.655	12	-472.018	968.49
1.844			0.5		-0.375	12	-472.019	968.492
0.945				0.153	0.239	10	-474.087	968.493
		0.977			0.97	11	-473.058	968.501
	-7.404	-1.669	-2.399	-0.916	1.329	12	-472.024	968.501
	-3.659	0.529		0.055	1.368	11	-473.064	968.512
0.95		-0.456	0.761		0.278	12	-472.034	968.522
0.946			0.524		0.284	12	-472.043	968.54
0.947		-0.034	0.517		0.284	12	-472.044	968.543
0.97				0.37	0.195	8	-476.168	968.544
	-3.83		-0.107		1.354	12	-472.045	968.545
0.921					0.296	7	-477.195	968.552
0.969		-1.818		0.208	0.198	9	-475.147	968.554
		-0.438		0.295	0.953	11	-473.09	968.564
1.408			0.591		-0.057	12	-472.06	968.575
4.382		-1.092	0.695		-2.241	12	-472.061	968.577

	-5.556	-1.668			1.362	11	-473.097	968.578
0.945		0.15	0.401		0.288	12	-472.062	968.579
	-6.469		-1.468		1.356	10	-474.13	968.58
		-0.574		0.104	0.906	9	-475.16	968.581
0.93					0.263	7	-477.213	968.587
4.907		-1.399	0.866		-2.634	12	-472.068	968.591
0.983	-0.938	0.432		0.219	0.212	11	-473.107	968.597
-0.827	-1.343	1.903	0.104	0.324	1.571	15	-468.948	968.598
4.384				0.215	-2.326	11	-473.109	968.601
0.918					0.302	9	-475.178	968.616
		-0.49			0.969	11	-473.117	968.618
4.101		-1.165	0.62		-2.04	13	-471.044	968.619
0.802	-0.394			0.06	0.47	8	-476.206	968.621
	-5.29		-1.018	0.17	1.301	11	-473.121	968.625
0.949					0.244	7	-477.234	968.629
			0.597		0.98	12	-472.097	968.647
		-0.183	0.711		0.979	12	-472.097	968.648
		-0.202	0.702		0.98	12	-472.097	968.649
3.179		-0.767	0.517		-1.366	13	-471.061	968.652
5.195		-1.378	0.814		-2.844	12	-472.102	968.659
		0.217	0.48		0.982	12	-472.103	968.66
0.987		-0.952			0.179	9	-475.201	968.664
0.804	-0.427				0.468	8	-476.23	968.669
		-0.715			0.912	9	-475.207	968.675
6.319		-1.806	0.596		-3.666	13	-471.078	968.687
	-3.542			-0.002	1.366	12	-472.12	968.694
				0.134	1.025	8	-476.244	968.695
		0.424	0.35		0.984	12	-472.121	968.696
5.138		-0.275	1.592	0.649	-2.822	14	-470.042	968.696
0.956				0.4	0.213	8	-476.245	968.698
5.409	-1.041	-1.285			-3.03	11	-473.16	968.704
4.588		0.004	1.495	0.631	-2.42	14	-470.053	968.719
0.93		-1.804		0.058	0.261	10	-474.202	968.723
0.967		-1.623			0.209	8	-476.259	968.726
0.947		-0.284		0.171	0.231	10	-474.203	968.726
	-5.351		-1.337	-0.44	1.339	13	-471.101	968.732
				0.167	1.028	9	-475.239	968.739
4.134				0.354	-2.158	9	-475.24	968.741
	-3.695	5.42	-2.651	0.492	1.315	15	-469.021	968.745
	-4.394		-0.408		1.288	11	-473.182	968.749
		1.547		0.173	0.956	12	-472.15	968.755
0.937		-0.393	0.618		0.299	12	-472.153	968.76
	-3.232	0.501			1.378	11	-473.191	968.766
0.942		0.852			0.29	12	-472.158	968.771
3.016		-0.42	0.455		-1.238	12	-472.158	968.771
3.75		-0.774	0.561		-1.776	12	-472.161	968.776
0.956		-1.476	1.341		0.269	12	-472.162	968.777
	-2.234	10.632	-3.532	1.079	1.312	13	-471.124	968.779

0.99		1.033		0.314	0.19	10	-474.23	968.779
-0.501		1.663		0.168	1.323	12	-472.163	968.78
		-0.36		0.06	0.954	11	-473.198	968.78
0.963		1.34		0.169	0.245	12	-472.164	968.782
	-0.92	0.712		0.234	0.935	11	-473.201	968.785
0.971		-1.452			0.204	8	-476.291	968.79
0.926		-1.754			0.267	10	-474.237	968.794
1.003		0.095		0.518	0.141	10	-474.238	968.795
0.936		-0.523			0.26	10	-474.239	968.797
	-4.61				1.321	9	-475.287	968.834
		1.019			0.984	12	-472.196	968.847
				0.025	1.007	10	-474.264	968.848
1.006		0.912		0.412	0.146	9	-475.298	968.857
0.985		-0.631			0.183	8	-476.329	968.866
	-4.98	0.762		0.189	1.323	10	-474.274	968.866
3.663					-1.721	12	-472.206	968.867
		1.67		0.174	0.939	12	-472.217	968.887
0.878				0.08	0.355	8	-476.344	968.896
	-3.972	-0.968			1.386	12	-472.222	968.899
1.001		1.104		0.253	0.175	10	-474.29	968.9
0.957		0.646		0.188	0.231	11	-473.26	968.903
0.959		-2.416			0.22	9	-475.324	968.908
1.008				0.275	0.15	9	-475.325	968.911
		-0.773			0.907	9	-475.325	968.911
2.712					-1.081	8	-476.358	968.925
	-6.468	0.945	-2.843	-0.534	1.319	13	-471.205	968.94
-1.055		1.784		0.164	1.725	12	-472.253	968.96
				0.149	1.091	10	-474.323	968.966
3.656				0.182	-1.784	10	-474.325	968.97
2.279					-0.763	9	-475.358	968.977
		-1.272	1.346		0.974	12	-472.262	968.978
3.255	-0.351		0.408	0.212	-1.422	13	-471.225	968.98
	-4.158	-2.262		-0.178	1.361	13	-471.227	968.984
		1.302		0.261	0.913	10	-474.333	968.985
				0.252	0.976	8	-476.389	968.987
0.976		1.439		0.167	0.218	12	-472.267	968.988
		1.162		0.428	0.888	9	-475.364	968.99
0.975		-1.285			0.197	8	-476.393	968.994
				0.253	1.007	11	-473.31	969.003
		-0.561		0.024	0.944	11	-473.31	969.004
	-2.962	1.374	-0.205	0.476	1.356	13	-471.241	969.012
6.196	-0.424	-1.747	0.605		-3.575	12	-472.281	969.017
3.28				0.122	-1.493	12	-472.285	969.025
	-3.694	-1.279			1.361	13	-471.255	969.041
0.464		1.006			0.628	12	-472.297	969.048
	-6.164	-1.744			1.335	11	-473.34	969.064
2.244	-0.636	0.355		0.1	-0.675	13	-471.273	969.076
0.953	-0.424	0.625	0.229	0.181	0.275	13	-471.276	969.083

		-0.453			0.91	8	-476.441	969.09
3.558		-0.012	0.767	0.321	-1.651	13	-471.286	969.103
2.729		0.751		0.524	-1.138	11	-473.365	969.113
	-3.277				1.299	10	-474.405	969.13
		-0.825		0.09	0.917	10	-474.409	969.137
2.306			0.689		-0.716	12	-472.347	969.148
0.985				0.369	0.18	9	-475.444	969.149
	-5.833	-1.64	0.057		1.342	11	-473.388	969.159
4.37	-0.007	-0.297	0.901	0.359	-2.249	13	-471.315	969.161
0.962					0.223	8	-476.477	969.162
	-3.106			0.222	1.363	13	-471.316	969.162
	-5.938	-1.424		0.025	1.335	11	-473.394	969.171
				0.264	0.892	9	-475.457	969.174
1.001				0.188	0.174	10	-474.428	969.175
0.955					0.244	8	-476.487	969.182
	-0.461	0.876	0.159	0.172	0.977	13	-471.33	969.19
	-3.87	0.554	-0.258		1.343	12	-472.369	969.193
0.952		-0.562		0.23	0.218	11	-473.414	969.211
		-0.472		0.02	0.943	11	-473.414	969.211
	-5.178				1.384	10	-474.455	969.229
		0.876		0.612	0.96	10	-474.461	969.242
2.44		0.732	-0.603		-0.8	14	-470.318	969.249
	-4.385	-0.078	-0.21		1.354	12	-472.398	969.25
0.749			0.675		0.442	13	-471.362	969.254
2.309	-0.776	0.155	-0.151		-0.709	13	-471.365	969.26
	-6.317		-2.125	-0.707	1.331	12	-472.409	969.272
6.622		-1.544			-3.905	13	-471.372	969.275
0.975		-1.665			0.194	9	-475.512	969.286
	-5.677		-0.068		1.369	10	-474.487	969.293
0.964		-2.147			0.21	9	-475.521	969.304
	-6.901		-1.192		1.34	11	-473.465	969.313
	-5.349				1.373	10	-474.501	969.321
0.97				0.543	0.242	10	-474.503	969.325
	-2.494	1.218		0.453	1.364	13	-471.401	969.333
	-2.523	1.307		0.455	1.363	13	-471.405	969.34
	-2.62	1.195		0.447	1.366	13	-471.407	969.344
	-0.278			-0.04	1.118	10	-474.516	969.351
	-6.851		-2.811	-0.658	1.319	13	-471.41	969.351
		-0.238		0.227	0.9	9	-475.548	969.357
	-2.607	1.318		0.481	1.365	13	-471.416	969.362
0.937		-0.896		0.127	0.246	10	-474.53	969.379
2.552	0.133	0.43	0.718	0.306	-0.915	13	-471.433	969.396
2.701	-0.493	0.336		0.16	-1.065	11	-473.518	969.419
				0.074	1.087	9	-475.599	969.458
3.262				0.101	-1.46	12	-472.502	969.459
0.453		0.9			0.639	12	-472.516	969.486
2.842		0.331			-1.159	11	-473.554	969.492
				0.174	0.911	10	-474.587	969.493

-0.507		1.561		0.195	1.314	12	-472.53	969.514
1.006		0.97		0.244	0.159	10	-474.61	969.539
3.238					-1.453	10	-474.614	969.547
1.014				0.166	0.145	10	-474.617	969.553
3.784		-0.298			-1.861	10	-474.618	969.555
	-4.372		-0.335	0.284	1.359	13	-471.521	969.573
-0.439		1.101			1.287	12	-472.562	969.578
3.472				0.186	-1.659	10	-474.637	969.594
	-4.438	-1.092		-0.044	1.365	12	-472.571	969.597
		1.147		0.247	0.901	10	-474.646	969.612
-1.432		2.471		0.277	1.999	13	-471.549	969.629
0.994				0.327	0.165	9	-475.684	969.63
	-4.741		0.191	0.168	1.345	11	-473.623	969.63
				0.535	0.956	10	-474.656	969.632
0.949					0.254	8	-476.716	969.64
	-4.086	6.29	-3.451	0.307	1.308	14	-470.514	969.641
-0.161		2.414		0.386	1.029	12	-472.606	969.667
0.936				0.219	0.266	8	-476.744	969.697
	-5.987		-0.343		1.321	10	-474.696	969.711
	-4.708			0.13	1.292	10	-474.706	969.732
0.984		0.225			0.207	10	-474.709	969.738
		11.857	-3.099	1.319	1.308	12	-472.644	969.742
0.994		0.009		0.363	0.162	9	-475.743	969.748
				0.153	0.893	10	-474.732	969.783
		-0.229		0.169	0.921	10	-474.744	969.808
0.944				0.197	0.25	10	-474.752	969.823
2.495				0.078	-0.914	12	-472.706	969.866
2.593					-0.999	10	-474.777	969.873
		0.429			0.933	10	-474.79	969.9
4.877		0.041			-2.62	12	-472.735	969.924
3.328		-0.51			-1.54	11	-473.776	969.936
0.866	-0.295				0.385	9	-475.838	969.936
	-5.377			0.129	1.337	11	-473.776	969.936
0.997		0.252			0.178	10	-474.813	969.945
4.943		-1.228	1.727	0.468	-2.679	14	-470.67	969.953
2.767					-1.116	9	-475.846	969.953
	-4.62	0.719			1.337	9	-475.865	969.991
				0.191	0.947	9	-475.866	969.993
3.558		-0.786			-1.697	12	-472.773	970.001
0.987		-0.367			0.189	9	-475.876	970.013
0.977				0.312	0.199	9	-475.878	970.017
	-3.292	0.739		0.055	1.356	12	-472.793	970.04
		0.456			0.914	10	-474.864	970.047
	-2.851				1.241	10	-474.865	970.049
				0.135	0.977	9	-475.9	970.061
-0.638		1.971		0.44	1.371	13	-471.777	970.084
3.2		-0.253			-1.443	10	-474.885	970.089
	-3.88	-1.162	0.127		1.353	13	-471.785	970.1

		-0.417		0.19	0.96	12	-472.826	970.105
0.824	-0.299			0.021	0.441	9	-475.941	970.142
0.98		-0.893		0.254	0.183	9	-475.955	970.171
	-2.792			0.276	1.275	10	-474.929	970.177
5.467		-1.69			-3.12	10	-474.933	970.186
0.979		-0.931		0.239	0.185	9	-475.966	970.193
		-0.182			0.917	9	-475.978	970.217
		3.761		0.823	1.352	12	-472.884	970.222
0.911				0.108	0.313	9	-475.985	970.23
	-6.106	-1.524	-0.273		1.37	12	-472.899	970.251
	-5.764	-1.901			1.364	12	-472.935	970.324
	-5.804		-0.966	0.14	1.303	12	-472.938	970.331
4.729	-0.997	-0.512		0.175	-2.544	12	-472.94	970.335
	-2.991	0.694			1.365	12	-472.943	970.34
	-2.41			0.007	1.236	10	-475.012	970.344
		3.982		0.946	1.33	12	-472.956	970.367
	-6.778	0.192	-1.566		1.38	11	-474.001	970.386
0.98		-1.325		0.305	0.179	10	-475.044	970.407
3.798		-1.294	0.932		-1.82	13	-471.947	970.425
	-7.453	-1.706	-2.504	-0.898	1.331	13	-471.958	970.446
5.246		-1.332			-2.955	9	-476.101	970.462
3.539		-0.716	0.629		-1.626	13	-471.973	970.476
4.745		-2.065	1.278		-2.52	13	-471.974	970.478
		3.66	-0.034	0.838	1.337	12	-473.022	970.499
3.53		-0.582	0.542		-1.619	13	-471.991	970.513
	-4.283	0.79	0.218	0.231	1.334	11	-474.071	970.526
0.948		-0.182		0.135	0.235	11	-474.076	970.535
		6.499		1.408	1.366	13	-472.013	970.557
	-7.305	-1.473	-2.383	-0.895	1.327	13	-472.015	970.561
2.196			0.445		-0.634	13	-472.015	970.562
	-6.627		-1.51		1.372	11	-474.092	970.569
	-5.466	-2.379	0.348		1.352	12	-473.061	970.576
0.97				0.376	0.195	9	-476.166	970.592
0.957					0.24	8	-477.193	970.595
		-0.66		0.1	0.905	10	-475.138	970.596
0.949		-0.368	0.708		0.28	13	-472.034	970.598
0.966		-1.932		0.186	0.203	10	-475.141	970.601
3.97				0.304	-2.032	10	-475.158	970.635
	-4.7	0.244			1.341	10	-475.17	970.659
0.977		-1.041			0.198	9	-476.204	970.669
0.934		-1.497		0.109	0.251	11	-474.147	970.678
	-4.994	0.559		0.169	1.328	11	-474.154	970.692
	-5.919		-0.317		1.388	11	-474.156	970.696
0.872	-0.402			0.107	0.367	9	-476.222	970.705
	-1.51				1.41	10	-475.199	970.717
		-0.057	0.635		0.98	13	-472.096	970.722
0.996		1.218		0.299	0.184	11	-474.181	970.745
4.479				0.229	-2.384	11	-474.181	970.746

1.005		0.859		0.359	0.153	10	-475.216	970.751
3.513		0.373		0.383	-1.701	10	-475.226	970.772
0.967		-1.635			0.209	9	-476.258	970.777
	-7.095		-1.121		1.382	12	-473.163	970.779
2.216		0.613			-0.649	13	-472.139	970.809
-0.086		1.549		0.173	1.021	13	-472.151	970.832
		1.473		0.31	0.918	11	-474.237	970.858
		1.097		0.372	0.894	10	-475.281	970.881
	-4.703				1.32	10	-475.282	970.883
-1.473		1.986		0.186	2.027	13	-472.188	970.906
2.471		0.744		0.235	-0.91	11	-474.268	970.92
	-3.549			0.055	1.289	11	-474.309	971.001
	-4.661	-3.252		-0.358	1.361	14	-471.216	971.046
3.094	-0.373	0.101	0.367	0.205	-1.304	14	-471.224	971.06
	-7.281	0.262	-1.314		1.374	12	-473.309	971.073
		1.491		0.693	1.348	10	-475.38	971.078
	-4.282				1.372	8	-477.449	971.106
	-6.131	-1.678		0.01	1.333	12	-473.338	971.131
	-5.448	-1.278	0.125	0.062	1.339	12	-473.339	971.133
	-3.844		0.534	0.252	1.35	12	-473.346	971.147
2.872				0.556	-1.16	11	-474.383	971.15
	-3.397				1.297	11	-474.39	971.164
	-5.824		-0.156		1.359	11	-474.406	971.195
	-3.903			0.203	1.281	11	-474.407	971.199
0.968		0.653		0.596	0.244	11	-474.414	971.211
1.011		1.105		0.264	0.15	11	-474.424	971.231
	-5.122				1.383	11	-474.442	971.268
		1.363		0.279	0.895	11	-474.447	971.277
		0.971		0.616	0.959	11	-474.458	971.3
	-4.31	-0.445			1.316	9	-476.554	971.369
		13.163	-3.235	1.549	1.312	13	-472.423	971.377
3.212				0.19	-1.473	11	-474.504	971.391
	-1.329	0.478			1.398	10	-475.565	971.45
	-5.526		-0.218	0.083	1.303	11	-474.537	971.457
4.067		-0.383			-2.064	11	-474.592	971.568
2.27		0.668		0.232	-0.772	11	-474.594	971.573
	-4.179				1.326	9	-476.672	971.604
0.994		0.051		0.333	0.166	10	-475.684	971.687
4.815		-1.037			-2.632	10	-475.691	971.702
	-5.956	0.08	-0.323		1.328	11	-474.685	971.754
		1.963		0.779	1.318	11	-474.696	971.775
	-5.172	0.714	-0.145		1.33	10	-475.748	971.815
		2.093	0.911	0.714	1.319	11	-474.735	971.854
0.883	-0.263			0.068	0.357	10	-475.793	971.905
2.914		-0.129			-1.236	11	-474.775	971.934
	-3.018			-0.06	1.266	11	-474.79	971.965
	-4.851	0.688			1.335	10	-475.835	971.99
	-3.425				1.365	9	-476.918	972.096

	-4.379	-1.777	0.614	0.148	1.345	13	-472.818	972.166
	-2.554			0.246	1.276	11	-474.892	972.168
		1.933	0.461	0.743	1.333	12	-473.861	972.176
0.978		-0.97		0.248	0.185	10	-475.952	972.222
	-7.237	0.619	-1.739		1.376	12	-473.893	972.24
	-4.533	1.921	-1.347		1.323	12	-473.91	972.275
		1.401	0.274	0.668	1.363	11	-474.947	972.277
	-2.626				1.33	9	-477.011	972.283
			0.971	0.617	1.314	11	-474.954	972.292
	-6.277	-1.323	-0.411		1.375	13	-472.894	972.319
	-2.765				1.372	8	-478.056	972.319
		4.047	0.202	1.025	1.335	13	-472.905	972.341
	-5.164		-0.968		1.311	10	-476.059	972.436
	-1.049				1.267	9	-477.107	972.475
3.871		-1.375	0.969		-1.873	14	-471.947	972.507
	-1.303				1.404	11	-475.062	972.508
	-4.402		-1.043		1.3	11	-475.071	972.526
	-4.237	0.809	0.23	0.236	1.334	12	-474.071	972.595
	-1.601	-0.377			1.405	11	-475.112	972.607
3.486		0.306		0.329	-1.675	11	-475.148	972.68
3.113		0.737		0.282	-1.376	12	-474.129	972.712
	-4.728	0.249			1.341	11	-475.169	972.723
	-2.914				1.203	8	-478.289	972.786
	-3.887				1.371	9	-477.282	972.825
	-1.812				1.323	10	-476.274	972.868
	-3.849		0.14		1.364	9	-477.319	972.898
	-2.879			0.165	1.356	9	-477.333	972.927
	-3.631	-0.358			1.318	10	-476.311	972.942
	-3.44			0.116	1.284	12	-474.25	972.955
		1.338		0.616	1.357	11	-475.302	972.988
	-3.431				1.325	10	-476.341	973.001
	-4.292			0.029	1.369	9	-477.425	973.111
	-2.164				1.343	9	-477.441	973.142
	-5.123		-0.309		1.313	10	-476.416	973.151
	-4.944	-0.598	-0.183		1.311	10	-476.431	973.181
2.702		0.099		0.562	-1.035	12	-474.382	973.219
	-3.176			0.188	1.175	9	-477.498	973.256
1.744		0.933		0.258	-0.391	12	-474.42	973.294
		1.205	0.941	0.693	1.322	12	-474.448	973.349
		1.705		0.634	1.322	12	-474.45	973.355
	-4.347	-0.448		0.029	1.314	10	-476.528	973.375
	-4.373	-0.569			1.317	10	-476.546	973.412
	-4.199			0.065	1.315	10	-476.547	973.413
	-4.291	-0.438			1.318	10	-476.553	973.424
	-5.093	-1.256	-1.99	-0.514	1.366	12	-474.508	973.471
	-2.778				1.332	9	-477.609	973.478
	-1.253	0.517			1.395	11	-475.551	973.486
	-4.384				1.219	9	-477.625	973.511

-2.807	-0.321			1.331	9	-477.632	973.525
-4.13				1.327	10	-476.67	973.659
-1.135			0.112	1.217	10	-476.672	973.664
-2.284				1.378	9	-477.759	973.779
	2.322	1.127	0.839	1.319	12	-474.683	973.82
-5.792	0.912	-1.231		1.321	11	-475.732	973.848
-5.157	0.742	-0.189		1.33	11	-475.738	973.86
-4.231	-0.61	-0.588		1.325	10	-476.792	973.903
	1.78	0.619	0.883	1.353	12	-474.733	973.921
-2.901			0.172	1.312	10	-476.803	973.926
-7.847	-4.502	-1.64	-1.321	1.339	13	-473.708	973.946
	2.287	0.747	0.934	1.333	13	-473.721	973.972
-3.256				1.368	10	-476.845	974.009
-3.259		-0.213		1.384	9	-477.901	974.063
-2.548				1.35	10	-476.876	974.072
-3.309			-0.037	1.372	10	-476.88	974.08
		1.662	0.558	1.318	11	-475.868	974.12
-3.328		0.049		1.365	10	-476.902	974.122
-3.105		-0.474		1.334	10	-476.904	974.127
-4.019		-0.325		1.203	9	-477.958	974.178
		1.136	0.622	1.316	12	-474.87	974.194
-5.39		-0.814		1.312	11	-475.92	974.224
-4.264		-0.362		1.305	11	-475.923	974.23
-2.593	0.104			1.338	10	-476.991	974.301
-1.381	-0.472			1.397	12	-474.93	974.314
		1.018	0.638	1.315	12	-474.951	974.355
-2.9	-0.261		0.149	1.323	10	-477.042	974.403
-4.867		-0.837	0.05	1.307	11	-476.013	974.409
-3.594			0.11	1.359	10	-477.046	974.412
-5.178	-0.974	-1.345	-0.863	1.323	12	-475.004	974.463
-2.286	-0.83			1.338	10	-477.116	974.552
-3.528		0.258	0.097	1.347	10	-477.133	974.585
-4.439		-1.008		1.3	12	-475.066	974.586
-4.209	-0.518	-0.215		1.309	11	-476.118	974.619
-1.913	0.7			1.318	9	-478.218	974.696
-3.688	-0.574	-0.655		1.326	11	-476.194	974.772
-3.809		0.044		1.369	10	-477.278	974.876
-4.927	-0.628	-0.395		1.315	11	-476.261	974.907
-2.716			0.146	1.358	10	-477.311	974.942
-2.909		-0.014	0.163	1.357	10	-477.333	974.985
-3.584	-0.346		-0.016	1.321	11	-476.305	974.994
-3.619	-0.297			1.32	11	-476.31	975.003
-2.302				1.335	10	-477.342	975.003
-3.618	-0.352			1.319	11	-476.311	975.005
-3.904			0.134	1.193	10	-477.345	975.009
-3.485			0.012	1.322	11	-476.337	975.057
-3.429				1.325	11	-476.341	975.065
-2.872		-0.307		1.395	10	-477.406	975.131

-2.359	-0.268			1.337	10	-477.414	975.147
-5.058	-0.271	-0.263		1.31	11	-476.395	975.173
-5.293	-0.683	-0.292	-0.05	1.312	11	-476.4	975.183
-5.113		-0.303	0.004	1.313	11	-476.416	975.215
	1.412	1.241	0.859	1.323	13	-474.346	975.223
-3.543		-0.116	0.169	1.178	10	-477.462	975.242
-3.758			0.106	1.315	11	-476.448	975.279
-2.847	1.087		0.25	1.32	11	-476.453	975.29
	1.464		0.321	1.288	11	-476.467	975.317
-5.177	1.376	-0.973	0.134	1.316	12	-475.452	975.358
-4.068	-0.395		0.057	1.316	11	-476.496	975.375
-1.62				1.268	8	-479.606	975.42
-4.301	-0.334		0.038	1.314	11	-476.526	975.436
-4.338	-0.574			1.317	11	-476.545	975.473
-2.789	-0.099			1.33	10	-477.605	975.529
-4.437		-0.03		1.219	10	-477.623	975.566
		0.714	0.252	1.263	7	-480.775	975.711
-3.089	-0.675	-0.413		1.332	11	-476.682	975.748
-2.837	0.798	-0.491		1.31	10	-477.723	975.765
-2.571	-0.596			1.345	11	-476.711	975.806
			0.252	1.282	11	-476.712	975.807
-1.463			0.261	1.175	9	-478.782	975.825
	-1.032	1.809	0.526	1.314	12	-475.696	975.845
-3.928	-0.521	-0.452	0.06	1.322	11	-476.737	975.857
-5.795	0.972	-1.265		1.321	12	-475.731	975.916
-2.791			0.159	1.313	11	-476.797	975.978
-4.308		-1.13	-0.696	1.339	12	-475.767	975.988
-1.365				1.227	8	-479.891	975.989
-2.85			-0.251	1.366	10	-477.836	975.992
-3.318		-0.081		1.373	11	-476.828	976.04
-3.247			0.013	1.367	11	-476.844	976.071
		1.909	0.657	1.319	12	-475.827	976.108
-4.166	-0.568	-0.489		1.316	12	-475.836	976.126
-3.346		-0.05	-0.059	1.378	11	-476.875	976.135
-4.136	0.508	-0.438		1.31	12	-475.868	976.19
		1.31	0.693	1.316	13	-474.843	976.217
-5.211		-0.759	0.027	1.309	12	-475.909	976.272
				1.328	10	-477.997	976.314
		0.691		1.232	6	-482.137	976.394
-3.417		0.111	0.121	1.352	11	-477.015	976.414
-2.764	-0.253		0.134	1.325	11	-477.027	976.438
	1.795	1.306	0.574	1.312	11	-477.034	976.452
-2.352				1.28	9	-479.109	976.479
-1.569			-0.115	1.3	9	-479.223	976.706
	0.778	1.095	0.507	1.308	10	-478.222	976.764
	0.766			1.348	10	-478.233	976.785
-2.832		-0.122	0.108	1.369	11	-477.284	976.952
-5.511	-3.895		-0.669	1.324	12	-476.253	976.96

-5.074	-0.663	-0.435	-0.022	1.316	12	-476.255	976.964
		0.553		1.305	7	-481.422	977.007
	0.73			1.284	9	-479.393	977.047
-2.266	0.121			1.337	11	-477.335	977.054
-3.613	-0.354		-0.029	1.321	12	-476.301	977.057
-3.596	-0.406		-0.021	1.321	12	-476.304	977.063
-3.884		0.022	0.134	1.194	11	-477.344	977.072
-3.599	-0.303			1.32	12	-476.31	977.073
			0.329	1.29	12	-476.321	977.096
-0.248		0.535		1.298	7	-481.467	977.096
-3.439			0.034	1.322	12	-476.33	977.113
		0.59	0.513	1.3	11	-477.369	977.122
-5.27	-0.431	-0.312	-0.032	1.312	12	-476.385	977.223
	1.007		0.314	1.287	12	-476.39	977.235
				1.259	8	-480.516	977.241
-1.803				1.284	8	-480.537	977.282
		0.731	0.242	1.258	8	-480.541	977.29
-1.801	0.122			1.291	9	-479.515	977.29
-3.361	0.572		0.176	1.318	12	-476.422	977.297
-1.853				1.288	9	-479.522	977.305
-2.813	1.069		0.245	1.32	12	-476.453	977.36
-1.565		0.998		1.296	8	-480.589	977.386
-2.999	-0.219		-0.297	1.328	11	-477.525	977.434
-1.542		0.038		1.267	9	-479.598	977.457
		0.696	0.236	1.259	8	-480.658	977.525
		0.719	0.227	1.271	8	-480.661	977.53
		1.105	0.448	1.296	10	-478.63	977.579
		0.704	0.226	1.273	8	-480.693	977.595
		0.676		1.253	7	-481.753	977.668
-1.887		-0.319		1.219	9	-479.709	977.678
		0.705	0.263	1.246	8	-480.741	977.691
		0.673	0.219	1.279	8	-480.747	977.702
-2.864			-0.272	1.34	11	-477.667	977.719
-1.369	3.259	-0.52		1.318	11	-477.668	977.72
-2.16		0.345		1.279	10	-478.707	977.734
-1.086	3.348	-0.666		1.314	11	-477.676	977.736
-0.031		0.693	0.237	1.27	8	-480.768	977.745
		0.705		1.246	7	-481.793	977.748
	0.008	0.716	0.251	1.266	8	-480.774	977.756
			0.509	1.27	10	-478.725	977.769
	1.39	1.75	0.863	1.307	11	-477.703	977.79
-1.635		-0.106	0.252	1.174	10	-478.761	977.842
	-1.006	2.032	0.617	1.315	13	-475.662	977.854
		0.688		1.264	6	-482.896	977.913
		0.662		1.228	7	-481.903	977.968
-2.946		-0.116	-0.288	1.383	11	-477.801	977.985
		0.706		1.227	7	-481.932	978.027
				1.26	9	-479.886	978.033

-0.837	1.754			1.315	9	-479.9	978.061
				1.229	8	-480.927	978.062
-3.306		-0.097	-0.018	1.377	12	-476.826	978.106
-2.172		-0.327	-0.236	1.343	10	-478.896	978.112
		1.024	0.313	1.253	8	-480.963	978.134
		0.548		1.319	7	-482.001	978.165
-0.307				1.249	9	-479.969	978.199
		0.508		1.315	8	-481.016	978.241
	0.084	0.72		1.26	7	-482.053	978.269
			0.366	1.291	11	-477.943	978.269
	0.842	0.77	0.275	1.316	9	-480.013	978.286
				1.319	11	-477.952	978.287
		0.56		1.313	8	-481.048	978.305
-2.686	-0.584	-0.995	-0.528	1.334	11	-477.976	978.335
	0.032			1.329	11	-477.997	978.377
		-0.002		1.327	11	-477.997	978.378
		0.705		1.246	7	-482.109	978.38
		0.441		1.278	8	-481.105	978.418
	4.425		0.423	1.331	11	-478.023	978.43
		0.613		1.283	6	-483.158	978.438
-0.713	1.925			1.328	10	-479.06	978.439
-2.426		0.792		1.258	9	-480.095	978.45
	1.723	1.198	0.521	1.313	12	-477.022	978.498
-0.669	3.723		0.258	1.336	11	-478.061	978.507
		0.471		1.327	11	-478.071	978.526
-2.351	0.004			1.281	10	-479.109	978.537
-2.332				1.28	10	-479.109	978.538
-2.44		-0.956	-0.474	1.335	11	-478.08	978.544
		0.692		1.215	6	-483.212	978.545
	2.549	0.827	0.5	1.293	10	-479.114	978.548
		0.574		1.318	8	-481.176	978.561
	0.531	1.151	0.411	1.303	10	-479.146	978.61
		0.557		1.32	8	-481.203	978.614
	1.372	1.055	0.536	1.306	11	-478.119	978.622
-1.732			-0.115	1.316	10	-479.165	978.65
-0.764				1.3	8	-481.222	978.652
-0.146		0.502		1.326	8	-481.241	978.69
-1.667	0.069		-0.111	1.312	10	-479.192	978.703
-1.375				1.285	9	-480.227	978.716
		0.837		1.325	7	-482.282	978.726
	-0.137	0.46		1.278	8	-481.26	978.728
-1.84	0.894			1.298	9	-480.239	978.739
-0.946	3.338		0.179	1.339	11	-478.192	978.768
				1.233	9	-480.273	978.806
	0.788	-0.062		1.333	11	-478.213	978.809
	0.672	0.125		1.292	10	-479.261	978.842
	2.138	0.891	0.465	1.294	10	-479.264	978.847
	0.762			1.349	11	-478.233	978.849

-1.736	3.955	-0.8		1.318	11	-478.233	978.85
-1.368		0.895		1.308	9	-480.303	978.867
		0.882	0.291	1.263	9	-480.309	978.879
	0.826			1.289	10	-479.28	978.879
		0.577		1.339	7	-482.372	978.906
-0.117	0.606			1.283	10	-479.294	978.907
				1.273	10	-479.297	978.913
-1.234		0.901		1.325	9	-480.326	978.913
-0.226		0.561		1.291	8	-481.361	978.93
			0.56	1.263	11	-478.276	978.935
				1.286	9	-480.34	978.941
-0.44		0.738		1.354	8	-481.369	978.946
	4.012		0.644	1.318	11	-478.284	978.953
-2.117				1.288	9	-480.35	978.96
-4.823	-2.601		-0.426	1.323	13	-476.216	978.962
-1.421		0.259		1.296	9	-480.354	978.968
		1.586	0.666	1.297	11	-478.294	978.972
		0.722	0.185	1.23	7	-482.414	978.989
		0.754	0.315	1.213	9	-480.374	979.009
	0.971			1.29	10	-479.346	979.011
	0.159			1.287	9	-480.376	979.012
-0.283		0.499		1.283	8	-481.41	979.028
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-0.516	1.703			1.321	10	-479.372	979.063
	0.752		0.029	1.28	10	-479.373	979.064
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		0.787	0.306	1.22	9	-480.406	979.073
		1.163	0.373	1.293	10	-479.379	979.078
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	0.716			1.284	10	-479.391	979.102
-0.213		0.553		1.296	8	-481.449	979.107
	4.861		0.655	1.273	10	-479.396	979.111
	0.1	0.76	0.218	1.303	9	-480.425	979.111
		0.253		1.249	9	-480.445	979.151
-2.163			-0.383	1.305	11	-478.386	979.156
-0.979				1.244	10	-479.419	979.157
		0.711	0.557	1.299	12	-477.351	979.157
				1.244	9	-480.462	979.185
			0.2	1.225	10	-479.435	979.189
-1.687		0.152		1.3	10	-479.436	979.192
-1.366		1.046	0.091	1.279	9	-480.468	979.197
		0.669	0.189	1.285	9	-480.469	979.198
-0.487	1.959			1.339	11	-478.409	979.202
-1.769	3.709	-0.669		1.323	11	-478.418	979.22
-1.628	0.168	0.116		1.298	10	-479.456	979.232
		0.1		1.266	9	-480.486	979.233
		0.779		1.302	8	-481.516	979.24
	2.753		0.227	1.301	11	-478.43	979.243

		0.751	0.22	1.287	9	-480.491	979.243
-0.051				1.268	9	-480.495	979.25
-1.792			0.046	1.28	9	-480.499	979.26
			0.026	1.256	9	-480.502	979.265
				1.267	9	-480.504	979.269
-0.543				1.26	9	-480.513	979.287
-1.018	2.534		0.149	1.306	10	-479.485	979.29
	1.629			1.347	10	-479.487	979.293
		0.696	0.112	1.281	7	-482.567	979.296
	0.18	0.699		1.296	8	-481.552	979.313
	0.193	0.776		1.299	8	-481.554	979.317
		0.683		1.293	8	-481.556	979.321
		0.849	0.275	1.242	9	-480.531	979.322
0.009		0.737	0.247	1.256	9	-480.54	979.341
-1.772	0.169			1.291	10	-479.514	979.348
-1.301	2.126	-0.324		1.31	10	-479.518	979.355
-2.503		0.867		1.315	10	-479.548	979.415
		0.622	0.175	1.288	9	-480.578	979.417
-1.51		1.004		1.303	9	-480.582	979.425
-1.622	-0.031	0.98		1.289	9	-480.583	979.426
	0.118	0.741		1.296	8	-481.609	979.427
		0.57	0.182	1.262	9	-480.586	979.434
		0.736		1.294	8	-481.613	979.434
-1.583		0.991		1.294	9	-480.588	979.437
	0.098	0.703		1.294	8	-481.621	979.451
	0.074	0.705	0.214	1.29	9	-480.598	979.456
	1.725	0.864	0.409	1.3	10	-479.57	979.459
-0.239		0.908	0.22	1.329	9	-480.6	979.461
-0.284				1.318	7	-482.65	979.463
		0.695		1.291	8	-481.633	979.474
		0.782		1.302	7	-482.67	979.501
	-1.759	0.836		1.315	12	-477.526	979.507
		0.678	0.193	1.289	9	-480.631	979.522
-0.45				1.264	9	-480.634	979.53
-1.537	-0.975			1.29	8	-481.662	979.533
		0.249		1.219	7	-482.693	979.548
	0.035	0.728	0.217	1.287	9	-480.644	979.548
	0.219	0.779		1.299	7	-482.7	979.561
-3.054	-1.945	1.058		1.298	11	-478.589	979.562
0.041		0.748	0.244	1.262	9	-480.652	979.564
		0.693	0.247	1.249	9	-480.652	979.564
		0.697	0.227	1.268	9	-480.653	979.567
		0.705	0.232	1.264	9	-480.656	979.574
0.016		0.706	0.244	1.255	9	-480.657	979.574
		0.718	0.23	1.268	9	-480.66	979.581
-1.196	1.24			1.311	10	-479.637	979.594
		0.666	0.195	1.289	9	-480.667	979.596
	6.388		1.184	1.313	12	-477.577	979.607

0.052		0.737	0.245	1.263	9	-480.681	979.622
		0.694		1.275	8	-481.708	979.624
-2.215		0.424		1.303	11	-478.621	979.627
	0.023	0.708	0.22	1.284	9	-480.686	979.632
		0.702	0.234	1.264	9	-480.687	979.635
		0.621		1.265	8	-481.722	979.653
-1.29	2.271			1.338	11	-478.639	979.661
		0.658		1.267	8	-481.727	979.662
		0.696		1.267	8	-481.737	979.682
-0.068		0.656	0.233	1.255	9	-480.714	979.689
-1.831	1.986		0.216	1.292	10	-479.685	979.689
				1.237	9	-480.715	979.69
		0.759		1.268	8	-481.744	979.696
-2.088			-0.27	1.291	10	-479.691	979.702
-1.285	3.591	-0.731		1.313	12	-477.626	979.707
-2.165	0.092	0.384		1.297	11	-478.664	979.712
		0.779		1.238	7	-482.776	979.713
	-0.052	0.627	0.201	1.271	9	-480.728	979.718
-1.015	3.553	-0.535	0.071	1.315	12	-477.632	979.718
-1.242	3.323	-0.597		1.315	12	-477.633	979.721
	1.967	0.753	0.392	1.299	10	-479.701	979.722
		0.524		1.347	7	-482.785	979.733
-0.013		0.667	0.214	1.281	9	-480.746	979.752
-0.551	1.666			1.313	9	-480.749	979.758
-0.996	-0.507	0.478		1.307	9	-480.749	979.758
-1.421	3.163	-0.603	-0.041	1.316	12	-477.654	979.761
-1.291	3.154	-0.487		1.317	12	-477.66	979.774
-0.034	-0.004	0.69	0.236	1.269	9	-480.768	979.797
	0.733	0.399		1.308	8	-481.807	979.822
	0.067	0.708		1.295	7	-482.831	979.823
	1.647	1.72	0.872	1.306	12	-477.685	979.825
		0.716		1.301	8	-481.813	979.833
				1.29	6	-483.857	979.835
	4.887		0.594	1.298	10	-479.766	979.851
		0.138		1.267	10	-479.766	979.851
		0.703		1.291	7	-482.846	979.853
	4.116	0.48	0.605	1.296	11	-478.736	979.855
-0.601				1.269	9	-480.798	979.857
		0.635		1.31	8	-481.824	979.857
		0.974	0.243	1.214	8	-481.825	979.858
	6.399		0.743	1.315	11	-478.737	979.858
	3.236	0.715	0.551	1.293	11	-478.748	979.879
-0.177		0.587		1.261	7	-482.861	979.884
0.224	1.2	0.956	0.378	1.308	10	-479.785	979.89
-0.844	1.514			1.31	10	-479.787	979.893
	0.109	1.032	0.28	1.304	9	-480.819	979.899
-0.167		0.368		1.301	9	-480.819	979.899
	0.575	0.748		1.278	8	-481.847	979.902

		0.839		1.216	7	-482.873	979.907
		0.658		1.338	7	-482.876	979.914
	2.608	0.899	0.514	1.292	11	-478.769	979.921
-0.031		0.667		1.272	7	-482.886	979.934
	0.879	0.259		1.321	11	-478.776	979.935
-1.761				1.231	7	-482.893	979.948
		0.59	0.076	1.307	8	-481.871	979.951
		0.687		1.267	7	-482.895	979.951
-0.132				1.258	10	-479.83	979.98
		0.55		1.298	8	-481.888	979.985
		0.651		1.228	8	-481.902	980.012
		1.031	0.28	1.291	9	-480.88	980.02
	0.753	0.704	0.32	1.276	10	-479.853	980.026
-0.911				1.259	8	-481.909	980.026
				1.26	10	-479.86	980.038
-1.546	3.769		0.33	1.266	9	-480.893	980.046
-2.437	0.24	0.821		1.295	10	-479.864	980.047
		0.522		1.302	8	-481.926	980.061
	1.284	1.258	0.43	1.29	11	-478.843	980.07
-0.807	1.861			1.319	10	-479.877	980.073
			-0.021	1.263	10	-479.878	980.076
		0.83	0.112	1.349	8	-481.935	980.078
-0.856				1.259	8	-481.939	980.087
	0.928	1.647	0.647	1.301	11	-478.854	980.092
			0.018	1.227	9	-480.92	980.1
		1.005	0.287	1.275	9	-480.927	980.115
-0.831	1.761			1.315	10	-479.9	980.119
		0.523		1.294	9	-480.93	980.121
	1.58	0.752	0.282	1.287	8	-481.957	980.122
		1.015	0.29	1.272	9	-480.938	980.137
		0.494		1.301	8	-481.967	980.142
-0.66	0.574			1.272	11	-478.891	980.166
		0.617	0.078	1.295	7	-483.002	980.167
	0.376	0.481		1.308	9	-480.955	980.17
-0.183	-0.187	0.364		1.295	9	-480.956	980.173
		0.405		1.327	7	-483.006	980.174
		0.998	0.297	1.259	9	-480.96	980.18
	-0.033	0.526		1.31	8	-481.994	980.196
-0.017		0.541		1.322	8	-481.998	980.205
		0.192		1.327	12	-477.879	980.211
0.822	1.583	1.297	0.557	1.288	11	-478.916	980.216
-0.086		0.53		1.326	9	-480.979	980.22
-1.681		0.61		1.309	9	-480.98	980.221
-0.444				1.236	8	-482.007	980.222
		0.474		1.301	9	-480.986	980.232
		0.654		1.251	7	-483.036	980.234
		0.561		1.3	9	-480.989	980.24
-0.319	-0.369			1.325	8	-482.016	980.241

-0.308			-0.017	1.252	10	-479.963	980.245
-0.741				1.262	8	-482.021	980.251
-0.296		0.02		1.25	10	-479.968	980.255
-0.29	3.077	0.632	0.497	1.292	11	-478.942	980.267
-0.038		0.499		1.32	9	-481.006	980.272
	-0.037	0.487		1.306	9	-481.006	980.273
-0.941		0.941	0.161	1.282	10	-479.981	980.282
		0.513		1.315	9	-481.016	980.292
-1.067	2.187			1.329	12	-477.919	980.292
-0.731	2.932		0.139	1.329	12	-477.92	980.295
	4.416	-0.219	0.371	1.321	12	-477.925	980.303
		1.621	0.349	1.286	11	-478.96	980.304
-0.457				1.415	6	-484.093	980.308
		0.514		1.3	9	-481.029	980.318
-1.279				1.259	8	-482.058	980.324
		0.614	0.24	1.236	10	-480.006	980.33
-0.472	3.511		0.247	1.33	12	-477.943	980.34
		0.673		1.301	11	-478.979	980.342
-0.41	1.533			1.317	9	-481.041	980.344
	0.841	0.769	0.275	1.316	10	-480.013	980.345
		0.442		1.291	8	-482.069	980.346
	-0.028	0.541		1.306	9	-481.043	980.347
			0.323	1.201	9	-481.045	980.351
	-0.048			1.317	12	-477.95	980.355
-2.168	0.899			1.303	10	-480.024	980.368
-1.513	4.474	-1.151		1.311	12	-477.96	980.375
-1.273	1.675			1.294	10	-480.034	980.388
-1.257				1.254	10	-480.038	980.395
		0.469		1.291	9	-481.068	980.396
	1.325	1.069	0.453	1.301	11	-479.009	980.402
		0.481		1.291	9	-481.071	980.403
-2.712	-0.654	-0.994	-0.533	1.335	12	-477.974	980.403
-1.042		0.493	0.154	1.29	10	-480.042	980.403
-2.268	-0.701		-0.341	1.29	10	-480.05	980.42
-0.213		0.185		1.261	8	-482.107	980.422
-2.266		0.826	0.051	1.25	10	-480.058	980.435
	0.158	0.774	0.152	1.302	8	-482.114	980.437
0.045		0.642		1.271	7	-483.139	980.44
-0.267	4.175		0.361	1.333	12	-477.993	980.441
	0.041	-0.006		1.328	12	-477.997	980.447
-0.364				1.276	9	-481.094	980.45
-2.958				1.252	8	-482.124	980.456
-0.529	-0.271			1.31	7	-483.15	980.461
				1.252	10	-480.074	980.467
-0.397	2.68	0.683	0.453	1.292	11	-479.043	980.47
		0.611		1.278	7	-483.156	980.475
-2.051	-0.759		-0.17	1.312	11	-479.046	980.475
	0.008	0.615		1.286	7	-483.157	980.477

-0.747				1.27	8	-482.135	980.478
-0.362		0.666		1.332	9	-481.109	980.479
-0.763			-0.063	1.322	9	-481.11	980.48
-1.395		0.643		1.283	10	-480.088	980.495
	4.415		0.422	1.33	12	-478.023	980.5
	-0.081	0.515		1.299	9	-481.127	980.516
-1.403				1.248	9	-481.134	980.528
	-0.093	0.494		1.298	9	-481.134	980.53
		0.383		1.283	8	-482.161	980.531
	0.281	1.254	0.262	1.293	9	-481.135	980.531
-1.844	3.691	-1.037	-0.115	1.314	12	-478.04	980.533
-0.074		0.543		1.326	9	-481.139	980.539
-1.101		0.824		1.331	10	-480.115	980.549
		0.615		1.311	9	-481.146	980.553
-0.613		0.129		1.3	9	-481.147	980.555
	0.727	0.241	0.108	1.281	11	-479.087	980.557
	0.549	1.118	0.323	1.296	9	-481.156	980.573
	0.813	0.282		1.306	11	-479.097	980.577
		0.922		1.299	8	-482.186	980.58
		0.882		1.301	8	-482.187	980.583
-1.159		0.341		1.254	11	-479.101	980.586
		0.769	0.144	1.292	8	-482.19	980.588
0.907	5.878		0.845	1.277	11	-479.103	980.591
-2.256	0.156			1.282	11	-479.104	980.591
	0.209			1.325	10	-480.136	980.592
	2.486	0.778	0.473	1.293	11	-479.106	980.596
-1.839	0.317		-0.334	1.326	12	-478.076	980.605
		0.694	0.235	1.245	10	-480.144	980.607
-0.071		0.531		1.326	9	-481.175	980.61
		0.838		1.302	8	-482.206	980.62
-1.968	3.371	-0.996	-0.162	1.315	12	-478.083	980.621
	-0.137	0.485		1.302	8	-482.209	980.627
		0.858		1.299	8	-482.209	980.627
		0.726		1.344	8	-482.213	980.634
-1.378	-0.178	0.746		1.289	10	-480.158	980.635
	-0.087	0.855		1.299	8	-482.215	980.639
-0.964	3.294		0.418	1.266	10	-480.162	980.644
		1.65	0.563	1.294	11	-479.136	980.657
		1.074		1.306	8	-482.225	980.659
-0.299				1.366	8	-482.227	980.662
-1.233		0.144		1.293	10	-480.172	980.663
		1.269	0.241	1.288	9	-481.207	980.675
-1.614				1.287	10	-480.179	980.677
-0.731				1.293	9	-481.21	980.68
		1.108	0.239	1.278	9	-481.212	980.684
-0.778	0.026			1.305	9	-481.218	980.697
			0.062	1.219	10	-480.189	980.697
-1.578		0.812		1.281	10	-480.19	980.699

	1.043	0.138		1.305	11	-479.158	980.701
-1.619	0.712	0.144		1.302	10	-480.194	980.707
-1.31		0.81		1.303	10	-480.194	980.707
-1.997			-0.391	1.323	12	-478.127	980.708
-2.323		-0.246	-0.474	1.313	12	-478.134	980.721
		0.516		1.216	6	-484.302	980.725
	7.784	-1.315	0.581	1.311	12	-478.137	980.727
		1.156	0.29	1.294	9	-481.234	980.73
	0.09	0.896	0.265	1.304	10	-480.213	980.746
-0.129		0.847	0.245	1.301	10	-480.223	980.766
		0.926		1.306	8	-482.281	980.769
-0.011		0.828		1.328	8	-482.281	980.77
0.094		0.618		1.323	8	-482.282	980.772
-1.375			0	1.286	10	-480.227	980.774
-0.998				1.258	8	-482.284	980.777
0.247	0.249	0.977	0.304	1.303	10	-480.231	980.781
-0.758	-0.353			1.27	8	-482.288	980.783
		0.37	0.117	1.243	10	-480.232	980.784
-1.485	1.468			1.284	9	-481.263	980.787
-1.214	1.395			1.281	9	-481.266	980.793
-0.483	-0.44			1.277	9	-481.269	980.799
		0.87	0.33	1.231	10	-480.242	980.804
		0.086		1.239	10	-480.245	980.81
	0.723	-0.127		1.345	12	-478.181	980.816
-1.414	2.75		0.291	1.275	10	-480.252	980.823
-0.504				1.277	8	-482.309	980.826
				1.309	10	-480.257	980.832
-1.519	-0.09	0.833		1.288	10	-480.257	980.834
-1.508		0.806		1.288	10	-480.258	980.835
				1.256	8	-482.314	980.837
-0.354				1.256	8	-482.316	980.84
	1.273			1.305	11	-479.228	980.84
-2.557				1.279	8	-482.318	980.844
-1.764		0.182		1.295	10	-480.267	980.852
		0.893	0.27	1.288	10	-480.271	980.861
0.2	0.359			1.29	10	-480.273	980.865
	0.179	1.048	0.282	1.29	10	-480.273	980.866
	0.477			1.283	11	-479.241	980.866
		0.6	0.043	1.333	8	-482.332	980.872
		0.707		1.291	8	-482.332	980.872
	0.875		0.037	1.283	11	-479.244	980.872
		0.885	0.315	1.242	10	-480.28	980.879
-0.047	0.643	0.095		1.289	11	-479.251	980.886
	9.629	-1.02	0.913	1.324	11	-479.251	980.887
-0.679	-0.339			1.272	8	-482.34	980.888
	0.237	1.003		1.299	8	-482.342	980.893
0.446	0.371	1.026	0.332	1.299	10	-480.29	980.899
-1.263	2.269			1.264	8	-482.346	980.901

		1.025		1.279	8	-482.347	980.902
-0.36	1.49			1.309	10	-480.293	980.905
	-0.371			1.3	7	-483.373	980.908
			0.387	1.231	10	-480.296	980.91
	2.134	0.888	0.463	1.294	11	-479.264	980.911
-0.263	1.845			1.357	11	-479.266	980.916
-1.164		0.934	0.044	1.311	10	-480.3	980.919
-0.824				1.261	9	-481.329	980.919
-0.51				1.338	7	-483.382	980.926
	2.327		0.724	1.25	10	-480.304	980.928
-0.423	-0.428			1.28	9	-481.334	980.929
		0.857	0.275	1.269	10	-480.306	980.93
	0.222	0.911		1.299	8	-482.361	980.93
-1.307	1.548			1.285	9	-481.346	980.952
		0.605	0.322	1.205	10	-480.317	980.953
-0.112	0.626		0.019	1.279	11	-479.285	980.953
-0.249	0.283	0.545		1.298	9	-481.347	980.955
	1.114		0.051	1.284	11	-479.287	980.957
-0.193	0.047	0.599		1.3	9	-481.35	980.96
-0.375		0.708		1.357	9	-481.351	980.964
-0.326			-0.106	1.342	8	-482.378	980.965
-0.323				1.262	8	-482.379	980.966
			-0.016	1.277	11	-479.291	980.966
		0.317		1.263	8	-482.379	980.967
-0.194		0.596		1.298	9	-481.354	980.969
-0.307	1.654			1.317	9	-481.355	980.97
		-0.086		1.287	10	-480.326	980.971
	3.041	0.237	0.323	1.309	12	-478.263	980.98
-4.581	-3.594	0.991	-0.277	1.303	12	-478.264	980.983
-2.095			0.026	1.285	10	-480.337	980.993
-1.291	1.988		0.147	1.304	11	-479.305	980.993
		0.736	0.203	1.218	8	-482.4	981.008
	2.6	0.86	0.439	1.27	9	-481.374	981.008
-2.387			-0.51	1.433	10	-480.345	981.009
1.269	1.49	1.229	0.587	1.289	11	-479.313	981.011
-0.84	0.76	0.443		1.301	12	-478.282	981.019
-0.463		1.15	0.344	1.309	10	-480.351	981.021
		0.719	0.174	1.239	8	-482.408	981.025
	0.167		0.034	1.283	10	-480.353	981.026
-1.017		0.352		1.225	8	-482.409	981.027
-0.318		0.464		1.276	9	-481.384	981.028
				1.269	9	-481.386	981.032
-0.012		0.713	0.179	1.234	8	-482.413	981.034
0.159		0.808	0.185	1.245	8	-482.413	981.034
-0.797				1.251	11	-479.325	981.034
-1.29		0.851	0.207	1.298	10	-480.36	981.04
-1.201	1.758	0.404	0.281	1.3	11	-479.329	981.043
	1.775	-0.133		1.333	11	-479.333	981.051

	-0.193	0.41		1.294	8	-482.421	981.051
	0.15	0.058		1.289	10	-480.366	981.051
-0.355		0.449		1.277	9	-481.398	981.058
-0.628				1.271	8	-482.427	981.063
-0.337		0.464		1.279	9	-481.406	981.072
		0.893	0.209	1.278	9	-481.408	981.078
-0.284		0.497		1.283	9	-481.41	981.081
-0.737	-0.468			1.274	8	-482.439	981.087
		0.861	0.154	1.264	9	-481.42	981.1
0.187		0.916	0.273	1.288	10	-480.392	981.103
-2.129		0.969	0.114	1.306	11	-479.36	981.105
		0.264	0.091	1.265	10	-480.393	981.105
		0.152		1.249	10	-480.393	981.106
-0.213	0.009	0.547		1.291	9	-481.425	981.112
-0.221		0.54		1.29	9	-481.426	981.112
-0.223	-0.015	0.551		1.292	9	-481.428	981.117
		1.016	0.269	1.276	10	-480.399	981.118
	0.723		0.031	1.28	11	-479.368	981.12
	1.008	0.517	0.137	1.308	9	-481.43	981.121
-0.301	-0.537			1.234	7	-483.486	981.135
-1.015	2.271		0.155	1.303	11	-479.376	981.136
-0.259	-0.041	0.515		1.287	9	-481.44	981.141
-0.298				1.272	8	-482.474	981.157
		0.841		1.306	9	-481.454	981.169
	0.095	0.753	0.215	1.303	10	-480.425	981.169
		0.651		1.286	9	-481.455	981.17
0.832	7.102		0.884	1.334	12	-478.359	981.173
	-0.263	0.675		1.294	8	-482.483	981.174
-1.174		1.068	0.108	1.292	10	-480.431	981.181
				1.335	7	-483.512	981.185
-2.301	0.314			1.272	8	-482.489	981.186
-1.442	0.483	0.522		1.294	9	-481.463	981.187
-1.999	-1.387	0.717		1.3	10	-480.437	981.193
-0.601	-0.285	0.719	0.166	1.307	10	-480.438	981.196
	1.385			1.31	10	-480.439	981.196
		0.804	0.225	1.265	10	-480.442	981.203
		0.241		1.249	10	-480.442	981.204
-1.223	-0.882			1.295	9	-481.473	981.206
-1.062	1.147			1.276	9	-481.473	981.207
	0.39	0.693		1.293	9	-481.476	981.213
			0.025	1.241	10	-480.449	981.217
-1.211	2.454	-0.182	0.095	1.306	11	-479.418	981.219
-1.471	2.88		0.275	1.279	10	-480.451	981.221
0.045		0.692	0.204	1.277	10	-480.455	981.229
			0.218	1.229	11	-479.423	981.23
		0.843		1.303	9	-481.485	981.232
-1.215	0.053	1.083	0.109	1.288	10	-480.456	981.232
-1.235		1.086	0.103	1.287	10	-480.456	981.232

	2.175	0.517	0.297	1.301	12	-478.391	981.237
-1.242	2.642		0.325	1.267	10	-480.46	981.24
-1.727	-0.175	0.184		1.298	11	-479.429	981.243
-1.373	1.92			1.311	11	-479.432	981.247
		0.014	0.201	1.225	11	-479.435	981.253
		0.679	0.191	1.288	10	-480.468	981.255
-2.675	-1.203	0.707		1.296	12	-478.406	981.267
-0.039		0.086		1.272	10	-480.474	981.267
-1.79	1.085		-0.174	1.316	11	-479.442	981.268
0.165		0.597		1.323	8	-482.531	981.271
		0.096		1.272	10	-480.477	981.273
	-0.148	0.778		1.301	9	-481.507	981.275
-0.424	2.181	0.639	0.386	1.296	11	-479.447	981.277
		0.754		1.302	9	-481.51	981.28
-2.513	1.693	-0.801	-0.409	1.319	12	-478.414	981.282
-0.771		0.714		1.291	12	-478.415	981.284
		0.911		1.306	8	-482.541	981.29
-0.044			0.02	1.265	10	-480.487	981.293
	1.211	1.023	0.381	1.297	10	-480.489	981.296
-0.107				1.266	10	-480.49	981.3
			0.024	1.263	10	-480.493	981.305
-0.992	2.63		0.143	1.308	11	-479.465	981.315
	0.25	0.649		1.293	9	-481.528	981.318
-0.982	2.656		0.15	1.308	11	-479.468	981.319
-0.485		0.067		1.263	10	-480.501	981.321
		0.663	0.238	1.258	10	-480.503	981.325
	-6.273	3.335		1.309	12	-478.436	981.325
	0.021	0.701	0.107	1.292	8	-482.561	981.33
-0.648				1.258	9	-481.538	981.336
	0.51	0.945	0.287	1.298	9	-481.538	981.336
	0.189	0.737		1.299	9	-481.538	981.337
-0.544			-0.012	1.261	10	-480.51	981.34
		0.694	0.116	1.278	8	-482.566	981.34
	0.232	0.794		1.299	9	-481.546	981.352
		0.65		1.29	9	-481.547	981.354
-0.723		0.447		1.28	9	-481.548	981.357
-1.583	-0.176	0.924		1.289	10	-480.52	981.359
	0.11	0.693		1.296	9	-481.55	981.36
	0.205	0.786		1.299	9	-481.553	981.367
	0.184	0.626	0.223	1.285	10	-480.528	981.375
-1.58		0.863		1.29	10	-480.528	981.375
		0.864	0.273	1.246	10	-480.528	981.376
-1.563	-0.439	1.055		1.288	10	-480.528	981.376
-1.391	2.359	-0.384		1.313	11	-479.499	981.381
-1.57	2.85		0.261	1.276	10	-480.539	981.398
0.218	0.143	0.908	0.277	1.29	10	-480.541	981.401
0.075		0.65	0.193	1.275	10	-480.546	981.412
-0.467	-0.501			1.288	9	-481.58	981.42

		0.584	0.171	1.275	10	-480.551	981.422
-0.867	1.129			1.278	9	-481.581	981.423
	1.795	0.864	0.385	1.294	10	-480.553	981.424
-0.063		0.525	0.154	1.272	10	-480.56	981.44
-1.587	-0.972		-0.065	1.294	9	-481.591	981.443
-2.292			-0.371	1.314	11	-479.533	981.45
0.314		0.903	0.281	1.276	10	-480.566	981.451
		0.805		1.297	9	-481.6	981.46
-0.537				1.248	6	-484.671	981.464
-1	3.516	0.35	0.381	1.273	10	-480.573	981.465
		0.596	0.179	1.27	10	-480.573	981.466
	0.026	0.642	0.181	1.293	10	-480.574	981.468
-0.549				1.395	7	-483.655	981.471
		0.616	0.118	1.266	9	-481.607	981.474
	-2.595	1.284		1.312	13	-477.472	981.474
	0.13	0.765		1.296	9	-481.607	981.475
	0.089	0.74		1.296	9	-481.609	981.479
		0.581	0.179	1.267	10	-480.58	981.48
-1.002	0.623	0.839	0.256	1.292	10	-480.582	981.483
	-0.514			1.22	6	-484.682	981.486
-0.13	0.588	0.332		1.319	9	-481.613	981.487
	1.13	0.775	0.237	1.295	12	-478.519	981.493
	1.844	0.929	0.449	1.298	11	-479.557	981.497
	0.157	0.708		1.295	9	-481.619	981.5
		0.819		1.303	8	-482.646	981.5
0.234	0.129	0.878	0.277	1.287	10	-480.594	981.507
		1.118	0.217	1.246	9	-481.623	981.507
-0.284	0.018			1.321	8	-482.65	981.508
-0.591				1.398	7	-483.677	981.516
	1.797	0.854	0.413	1.299	11	-479.566	981.517
-1.866			-0.205	1.281	11	-479.569	981.522
	-0.194	0.869	0.163	1.294	9	-481.631	981.523
-0.593	-0.365			1.279	8	-482.66	981.528
0.071		0.716	0.213	1.278	10	-480.605	981.528
	0.293	0.837		1.298	8	-482.661	981.53
-0.378		0.104		1.27	10	-480.609	981.537
-0.025		0.758		1.301	8	-482.666	981.541
	-0.058	0.781		1.301	8	-482.668	981.545
-2.475	-0.343		-0.446	1.32	11	-479.586	981.556
				1.271	9	-481.648	981.557
		0.257	0.026	1.214	8	-482.675	981.557
				1.365	7	-483.698	981.558
-0.36	-0.442			1.29	9	-481.651	981.563
0.698	4.995	0.418	0.752	1.3	12	-478.555	981.565
0.244		0.782	0.185	1.245	8	-482.679	981.567
-0.056	0.178	0.728		1.3	8	-482.681	981.57
	-0.001	0.677	0.193	1.289	10	-480.631	981.581
-2.029	1.859		0.191	1.292	11	-479.599	981.581

-1.524	-0.966			1.29	9	-481.662	981.585
-0.451			-0.003	1.265	10	-480.634	981.588
0.214		1	0.209	1.305	9	-481.663	981.588
	1.449	0.708		1.259	7	-483.715	981.592
0.083		0.705	0.215	1.278	10	-480.637	981.594
	0.298	1.404	0.444	1.3	10	-480.64	981.6
0.097		0.796	0.25	1.27	10	-480.643	981.605
	0.229	0.783		1.299	8	-482.699	981.607
-1.366	1.197			1.311	11	-479.614	981.612
	1.582	0.945	0.371	1.293	10	-480.65	981.619
		0.952	0.248	1.293	9	-481.679	981.62
-0.02		0.678	0.242	1.25	10	-480.651	981.62
0.036		0.738	0.244	1.26	10	-480.651	981.621
		0.693	0.227	1.267	10	-480.653	981.625
				1.262	8	-482.709	981.626
0.142		0.772		1.319	8	-482.715	981.638
-1.194	3.449	-0.52		1.344	11	-479.627	981.638
	-0.021	0.648	0.189	1.285	10	-480.665	981.649
		0.716	0.186	1.27	9	-481.696	981.653
-1.533				1.257	9	-481.697	981.655
		0.563	0.102	1.275	9	-481.699	981.659
-1.936	0.36	0.934	0.137	1.293	11	-479.64	981.663
		0.672		1.276	9	-481.706	981.673
		0.7		1.276	9	-481.708	981.676
0.071		0.75	0.247	1.265	10	-480.68	981.679
				1.375	8	-482.738	981.684
-0.664	1.852	-0.114		1.308	10	-480.686	981.692
0.119	1.882	0.855	0.418	1.299	11	-479.655	981.694
	-0.169	0.331		1.28	8	-482.744	981.697
	0.29	1.081	0.329	1.302	10	-480.689	981.697
				1.258	7	-483.771	981.705
		0.612		1.265	9	-481.722	981.705
	8.311	-0.448	0.861	1.327	12	-478.626	981.705
-2.27		-0.221	-0.341	1.289	11	-479.661	981.706
		0.727		1.273	9	-481.729	981.718
	1.922	0.656	0.346	1.301	11	-479.671	981.725
-0.401		0.189		1.279	10	-480.705	981.73
-0.89	-0.499	0.439		1.309	10	-480.712	981.743
			0	1.237	10	-480.715	981.749
-0.051	-0.076	0.579	0.174	1.276	10	-480.715	981.75
-1.306		0.429		1.276	11	-479.684	981.752
	0.285	1.115	0.321	1.301	10	-480.717	981.752
-1.184	3.646	-0.632	0.043	1.315	13	-477.613	981.757
		0.531	0.014	1.345	8	-482.781	981.771
		0.544		1.349	8	-482.781	981.771
-1.285	3.528	-0.696		1.314	13	-477.625	981.781
				1.267	7	-483.813	981.787
-1.122	3.455	-0.555	0.041	1.315	13	-477.629	981.789

		0.651	0.058	1.343	8	-482.791	981.79
		1.088	0.172	1.289	12	-478.671	981.796
-0.549	1.618		-0.012	1.316	10	-480.744	981.808
-0.969	-0.49	0.479		1.308	10	-480.746	981.811
	-4.168	2.854		1.292	11	-479.716	981.816
0.379	3.069	0.876	0.595	1.293	12	-478.682	981.817
-0.471			-0.089	1.259	9	-481.781	981.823
	4.446		0.514	1.303	11	-479.722	981.828
	0.263	0.715		1.296	8	-482.811	981.829
0.312	0.344	1.047	0.265	1.3	9	-481.785	981.831
0.296	1.517	1.162	0.493	1.302	11	-479.724	981.831
-1.369	3.121	-0.57	-0.034	1.316	13	-477.651	981.833
0.061	0.107	0.762		1.296	8	-482.813	981.834
-0.349				1.457	7	-483.837	981.836
0.133		0.455		1.303	8	-482.817	981.843
		0.48	0.379	1.233	11	-479.731	981.845
-0.14	0.237	0.406		1.317	10	-480.763	981.845
	6.466	-0.79	0.522	1.314	13	-477.662	981.854
0.074		0.767		1.294	8	-482.826	981.86
	0.053			1.3	7	-483.85	981.863
	0.777	0.398		1.306	9	-481.802	981.865
				1.283	7	-483.852	981.865
	0.672	0.411		1.309	9	-481.803	981.867
	0.654	0.416		1.309	9	-481.803	981.868
	0.695	0.404		1.309	9	-481.805	981.87
				1.278	7	-483.854	981.87
		1.318	0.391	1.29	10	-480.776	981.872
			-0.006	1.291	7	-483.856	981.874
		0.188	0.04	1.262	11	-479.746	981.875
				1.292	7	-483.857	981.876
	0.019	0.735		1.305	9	-481.811	981.882
		0.692		1.3	9	-481.811	981.883
		0.724		1.302	9	-481.812	981.885
-1.461				1.252	10	-480.783	981.885
		0.723		1.302	9	-481.812	981.886
		0.609		1.304	9	-481.82	981.9
-0.145	4.74		0.566	1.297	11	-479.759	981.901
-0.601			-0.018	1.272	10	-480.792	981.903
		0.628		1.308	9	-481.824	981.908
	-0.007	0.63		1.309	9	-481.824	981.909
		0.635		1.31	9	-481.824	981.91
0.013		0.146		1.267	11	-479.766	981.915
0.27	2.385	1.04	0.538	1.292	12	-478.734	981.923
-0.157		0.598		1.263	8	-482.86	981.929
		1.051	0.201	1.33	9	-481.834	981.929
				1.268	8	-482.861	981.93
-0.2		0.313		1.293	10	-480.806	981.932
				1.271	8	-482.868	981.944

-1.277	1.789	-0.749	-0.268	1.32	11	-479.782	981.947
	-2.707	1.477		1.31	11	-479.783	981.95
-0.885			0.068	1.254	9	-481.845	981.951
0.056		0.621	0.096	1.293	9	-481.846	981.953
				1.266	8	-482.874	981.956
-0.826			0.082	1.252	9	-481.849	981.958
		1.069	0.304	1.292	10	-480.823	981.964
-0.588	0.995			1.313	10	-480.823	981.965
-1.765			0.03	1.229	8	-482.88	981.968
		0.547	0.07	1.294	9	-481.854	981.968
0.151	1.843	0.876	0.352	1.281	9	-481.858	981.977
-0.351	-0.371		-0.09	1.331	9	-481.859	981.978
		1.098	0.298	1.292	10	-480.837	981.993
	0.066	0.594		1.309	9	-481.868	981.997
		0.582		1.296	9	-481.87	982.001
	0.004	0.592	0.076	1.308	9	-481.871	982.003
-1.035				1.26	9	-481.88	982.021
		0.587		1.305	9	-481.881	982.023
-0.133			-0.022	1.261	11	-479.82	982.024
-1.786				1.255	9	-481.885	982.031
	2.64	-0.603		1.334	11	-479.824	982.033
-0.368	-0.52		-0.15	1.261	8	-482.913	982.035
	1.084	0.765	0.236	1.297	9	-481.894	982.049
		0.894	0.303	1.28	10	-480.866	982.051
-1.169	-0.552			1.269	10	-480.867	982.053
			-0.033	1.266	11	-479.837	982.057
-0.098		0.392		1.298	9	-481.904	982.069
		0.609	0.107	1.264	8	-482.934	982.076
-0.906				1.259	9	-481.909	982.078
0.316	1.423	1.301	0.482	1.29	12	-478.812	982.079
-0.914				1.258	7	-483.96	982.082
-0.704			0.091	1.253	9	-481.912	982.085
	0.049	0.547		1.31	9	-481.915	982.092
0.544	1.273	0.858	0.363	1.288	12	-478.819	982.092
	1.482			1.301	10	-480.886	982.092
		0.96		1.314	10	-480.893	982.105
-1.273	-0.228	0.613		1.288	11	-479.861	982.105
	1.242	1.558	0.642	1.3	12	-478.828	982.111
		0.528		1.304	9	-481.926	982.113
	0.085	0.566		1.307	10	-480.9	982.119
0.283		1.019	0.231	1.292	9	-481.934	982.128
		1.089	0.325	1.272	10	-480.907	982.133
		0.575		1.305	10	-480.907	982.134
	-0.367			1.283	9	-481.938	982.136
-0.538		0.369		1.273	9	-481.939	982.139
			0.531	1.247	10	-480.915	982.149
-0.138	-0.119	0.43		1.306	10	-480.916	982.15
0.817	10.489	-1.232	1.064	1.318	12	-478.849	982.151

	1.736	0.762	0.302	1.284	9	-481.947	982.155
-1.326	1.119	0.292		1.296	11	-479.89	982.164
	1.466	0.75	0.269	1.289	9	-481.953	982.167
	1.403			1.285	8	-482.98	982.169
		0.392	-0.031	1.332	8	-482.982	982.172
		0.48		1.289	9	-481.956	982.173
	0.366			1.294	9	-481.956	982.174
		1.078	0.315	1.268	10	-480.929	982.177
-0.308	-0.37	0.666		1.295	9	-481.96	982.18
	-0.03	0.611	0.087	1.281	8	-482.99	982.188
	0.514	0.452		1.304	10	-480.935	982.19
	0.272	0.486		1.311	10	-480.936	982.192
-0.239	-0.228	0.315		1.289	10	-480.94	982.198
-1.11		0.869	0.153	1.262	11	-479.908	982.2
-0.135	-0.137	0.399		1.302	10	-480.944	982.207
-0.47				1.413	7	-484.024	982.209
-0.045	-0.066	0.488		1.31	9	-481.977	982.215
	0.44	0.473		1.305	10	-480.948	982.216
	0.468	0.461		1.305	10	-480.95	982.218
	-0.176	0.637		1.302	9	-481.979	982.219
-0.199	-0.201	0.346		1.293	10	-480.954	982.227
1.103		1.337	0.441	1.269	11	-479.922	982.228
-1.257				1.271	9	-481.984	982.228
	0.503	0.658		1.29	8	-483.011	982.231
	-0.283			1.286	9	-481.989	982.239
-3.075				1.274	9	-481.995	982.251
		0.707		1.31	10	-480.967	982.253
		0.4	0.177	1.226	11	-479.935	982.255
-0.142		0.56		1.332	10	-480.97	982.26
-0.401			-0.104	1.277	9	-482	982.261
-3.062		-0.601	-0.632	1.32	12	-478.905	982.265
-0.88		0.896	0.129	1.297	11	-479.942	982.267
-0.408		0.033		1.238	9	-482.003	982.267
		0.436		1.297	10	-480.978	982.275
-1.394	-0.616			1.261	9	-482.011	982.282
	0.039	0.588		1.306	10	-480.983	982.285
-0.32	-0.389			1.324	9	-482.016	982.292
		0.579		1.303	10	-480.988	982.295
-0.708			0.097	1.26	9	-482.019	982.3
-0.104		0.335		1.285	9	-482.022	982.304
	0.446	1.232	0.307	1.296	10	-480.993	982.305
	0.784			1.325	11	-479.961	982.305
-0.33		-0.036	-0.029	1.253	11	-479.961	982.306
				1.289	9	-482.027	982.314
		0.463	0.041	1.284	9	-482.027	982.315
-0.478			-0.034	1.414	7	-484.077	982.316
-0.485	1.711	-0.101		1.313	10	-481.002	982.322
	1.889	0.622	0.276	1.287	10	-481.002	982.324

-0.536	-0.56			1.298	8	-483.058	982.324
	-0.228			1.276	8	-483.059	982.327
-1.953	-0.493	0.301	-0.222	1.292	11	-479.973	982.329
	-0.039	0.483		1.306	10	-481.006	982.332
		0.526	0.103	1.223	7	-484.086	982.335
-0.467				1.417	7	-484.088	982.338
-0.861	0.032	0.967	0.171	1.287	11	-479.978	982.339
-1.005		0.924	0.155	1.278	11	-479.979	982.341
-0.246		0.155	-0.054	1.281	9	-482.04	982.341
	-0.814	1.044		1.295	12	-478.945	982.344
-0.917	2.529		0.064	1.329	13	-477.916	982.362
0.092		1.646	0.361	1.287	12	-478.958	982.37
-1.075	5.549	-1.217	0.181	1.31	13	-477.92	982.371
	-0.363			1.285	7	-484.107	982.375
-1.277			-0.003	1.258	9	-482.058	982.376
-3.093			-0.07	1.261	9	-482.065	982.39
0.128	0.086	0.718		1.291	8	-483.092	982.393
0.432	0.239	1.064	0.245	1.295	9	-482.066	982.393
-2.119	-0.679		-0.301	1.287	11	-480.009	982.401
-0.41	1.53		-0.002	1.318	10	-481.041	982.402
		-0.186		1.249	11	-480.009	982.402
		1.27	0.279	1.294	10	-481.043	982.406
-0.341	2.278		0.128	1.303	11	-480.015	982.413
-2.981	0.122			1.266	9	-482.078	982.416
-1.376	-0.451			1.265	9	-482.078	982.417
0.194		0.721	0.117	1.291	9	-482.08	982.421
-0.367			-0.102	1.284	9	-482.081	982.424
-0.806	2.57	0.433	0.341	1.29	11	-480.02	982.424
-2.144	0.892	0.009		1.303	11	-480.024	982.432
-0.148		0.254		1.273	9	-482.086	982.433
		0.42		1.289	10	-481.062	982.444
0.396		0.952	0.214	1.298	9	-482.092	982.444
0.114		0.697		1.283	8	-483.12	982.449
-0.707			-0.07	1.31	10	-481.069	982.457
-0.326			-0.079	1.373	9	-482.099	982.458
-1.025		0.498	0.156	1.29	11	-480.042	982.467
-1.04		0.504	0.159	1.29	11	-480.042	982.468
-1.394		1.011		1.296	11	-480.044	982.472
	0.119	0.551		1.257	7	-484.156	982.474
-0.858	2.403	0.472	0.323	1.289	11	-480.046	982.476
-0.371			-0.028	1.28	10	-481.079	982.478
		1.077		1.305	10	-481.085	982.489
	-0.415			1.284	7	-484.166	982.494
				1.267	8	-483.145	982.497
	-0.573	1.166		1.3	9	-482.119	982.498
	0.691	1.209	0.293	1.293	10	-481.093	982.505
-0.528	-0.271		0.001	1.31	8	-483.15	982.508
-0.287	-0.432			1.289	8	-483.15	982.508

-0.714		0.503	0.147	1.209	9	-482.124	982.509
-1.193	3.291		0.382	1.27	11	-480.065	982.514
	1.311			1.314	9	-482.129	982.518
-0.747	-0.031		-0.067	1.318	10	-481.105	982.528
-0.749	-0.025			1.269	9	-482.134	982.53
-0.716		0.04	-0.051	1.318	10	-481.107	982.534
	-0.428			1.274	8	-483.164	982.537
	1.766	-0.673		1.347	12	-479.043	982.54
-0.269	1.049	0.497		1.277	8	-483.166	982.54
		0.394	0.028	1.278	9	-482.142	982.544
-1.408		0.616		1.282	11	-480.082	982.548
-2.853	-0.847			1.271	9	-482.144	982.549
	0.203	1.221	0.255	1.294	10	-481.115	982.55
-0.434			0.117	1.264	9	-482.15	982.561
	-0.065	0.543		1.299	10	-481.124	982.567
-0.62	0.067	0.155		1.312	10	-481.124	982.567
	0.251	1.213	0.404	1.302	11	-480.092	982.568
-1.676		0.528	-0.178	1.327	11	-480.093	982.57
	0.307	1.297	0.277	1.293	10	-481.133	982.584
-0.799	1.017	0.263		1.287	10	-481.136	982.591
	1.209			1.283	9	-482.166	982.593
	0.469	1.031	0.284	1.298	10	-481.138	982.595
0.437	0.544	1.388	0.485	1.3	11	-480.107	982.597
				1.412	6	-485.239	982.6
	-0.401			1.276	8	-483.197	982.603
-0.61		0.135		1.301	10	-481.147	982.613
				1.265	8	-483.202	982.613
-0.342			-0.105	1.293	9	-482.177	982.616
		0.97		1.303	9	-482.179	982.618
	0.207	-0.097		1.327	11	-480.118	982.62
		0.573	0.193	1.239	11	-480.119	982.622
-1.145	1.147	0.229		1.29	10	-481.155	982.63
		0.902		1.299	9	-482.185	982.63
	0.567	1.116	0.324	1.296	10	-481.156	982.631
	0.013	0.928		1.3	9	-482.185	982.631
-0.085		0.471		1.236	7	-484.235	982.632
		0.887		1.303	9	-482.186	982.633
	-0.001	0.882		1.301	9	-482.187	982.636
0.056		0.724		1.334	9	-482.189	982.639
	-0.13	0.505	0.029	1.299	9	-482.189	982.64
	0.685			1.269	8	-483.216	982.641
-0.608	0.819	0.348		1.286	10	-481.165	982.649
				1.293	8	-483.223	982.655
0.342	0.528		0.094	1.28	11	-480.136	982.656
-1.951	0.249	-0.072	-0.371	1.324	13	-478.069	982.668
-1.446		0.118		1.293	11	-480.144	982.671
		0.844		1.303	9	-482.205	982.672
				1.271	9	-482.206	982.672

	-0.004	0.836		1.302	9	-482.206	982.672
0.02	-0.122	0.503		1.302	9	-482.207	982.674
	0.023	0.858		1.299	9	-482.209	982.679
0.386		1.013	0.216	1.283	9	-482.21	982.681
	1.742			1.305	9	-482.211	982.682
-1.358	-0.139	0.748		1.289	11	-480.15	982.684
		1.201	0.24	1.286	10	-481.185	982.689
-0.279		0.997	0.312	1.296	11	-480.154	982.691
				1.267	9	-482.216	982.692
		1.082		1.304	9	-482.218	982.698
-1.489	0.157	0.836		1.289	11	-480.157	982.699
-0.673	0.829			1.28	9	-482.221	982.703
	-0.322	0.667	0.108	1.288	9	-482.222	982.704
		0.525		1.233	7	-484.272	982.705
-3.216	-0.557	-0.472	-0.7	1.329	12	-479.128	982.71
	-0.426			1.276	7	-484.275	982.711
-0.275	-0.463			1.279	8	-483.254	982.716
0.981	9.224	-0.663	1.037	1.32	13	-478.093	982.717
		1.317	0.254	1.288	10	-481.204	982.727
	-0.347	0.939		1.303	9	-482.234	982.729
		1.12	0.244	1.278	10	-481.21	982.74
-1.611			-0.003	1.288	11	-480.179	982.741
-0.64		0.221		1.273	10	-481.211	982.742
-1.75	1.41			1.28	10	-481.216	982.752
-2.144		-0.122	-0.433	1.32	13	-478.111	982.753
-0.491	-0.437		-0.053	1.281	10	-481.22	982.759
-1.357	1.397			1.283	10	-481.22	982.759
-0.467		0.198		1.205	7	-484.301	982.763
	-0.281	0.499		1.295	9	-482.256	982.773
	-0.41			1.274	7	-484.307	982.775
		1.098	0.27	1.294	10	-481.231	982.781
-0.262	-0.468			1.276	8	-483.292	982.793
0.698	0.677	1.395	0.497	1.297	11	-480.205	982.794
-0.742	-0.359		0.033	1.268	9	-482.273	982.807
0.036	0.113	0.91	0.272	1.304	11	-480.213	982.81
-1.412	2.912		0.314	1.273	11	-480.215	982.815
	-0.479	0.153		1.19	7	-484.327	982.816
-0.99			0.017	1.255	9	-482.28	982.82
	0.139	1.044		1.297	9	-482.283	982.826
	0.292	0.729		1.298	9	-482.283	982.827
-1.233	1.396			1.282	10	-481.255	982.83
-0.454	0.686	0.391		1.29	10	-481.258	982.835
-0.575	-0.138			1.272	9	-482.288	982.837
-0.807			-0.058	1.27	10	-481.261	982.84
		0.401	0.124	1.242	11	-480.231	982.846
		1.068	0.337	1.288	11	-480.233	982.85
	0.608		0.258	1.261	9	-482.296	982.854
	0.263	1.188	0.335	1.29	11	-480.242	982.867

	-0.386			1.289	8	-483.333	982.874
-0.376		0.669	0.151	1.274	10	-481.282	982.883
-2.54			0.021	1.276	9	-482.312	982.885
	1.914		0.711	1.253	11	-480.252	982.888
		-0.038		1.309	11	-480.254	982.891
0.205	0.35	0.078		1.292	11	-480.255	982.894
-1.518	-0.059	0.82		1.287	11	-480.257	982.898
-0.659	-0.346		0.04	1.269	9	-482.319	982.898
-0.433	-0.425		-0.049	1.284	10	-481.294	982.908
				1.263	8	-483.351	982.911
-1.192	-0.843		-0.097	1.302	10	-481.297	982.914
	0.622		0.023	1.281	12	-479.233	982.921
-0.255	-0.456			1.267	8	-483.358	982.924
-1.581	-0.74	0.833	0.142	1.297	11	-480.27	982.925
0.272		0.698	0.117	1.292	9	-482.333	982.928
-1.106	1.386	0.13		1.288	10	-481.308	982.936
	-0.355			1.306	8	-483.364	982.936
-0.25	0.242	0.513		1.286	10	-481.311	982.942
	-0.371		0.015	1.3	8	-483.369	982.946
	-0.327			1.303	8	-483.371	982.95
-1.255	2.263	0.005		1.264	9	-482.346	982.954
	0.149	0.213	0.086	1.286	11	-480.286	982.956
			0.059	1.261	10	-481.32	982.96
-0.504			0.01	1.337	8	-483.381	982.97
-0.331	-0.067		-0.111	1.33	9	-482.368	982.996
		0.629		1.306	10	-481.34	982.999
	1.378	0.515	0.173	1.298	10	-481.34	982.999
-0.22	0.188	0.573		1.299	10	-481.343	983.005
-0.597			0.062	1.266	9	-482.377	983.014
		0.318	0.006	1.262	9	-482.378	983.017
-0.308	1.651		-0.002	1.318	10	-481.354	983.028
-0.307	1.658	0.002		1.317	10	-481.355	983.029
0.529	0.223	1.02	0.244	1.291	9	-482.388	983.036
-1.522	1.017			1.272	10	-481.36	983.038
-0.581	-0.13	1.013	0.293	1.304	11	-480.331	983.046
-0.473		0.46		1.281	10	-481.368	983.056
-1.348	1.966		0.146	1.304	12	-479.302	983.058
-0.537	-0.429			1.214	6	-485.47	983.061
	1.334	0.487	0.161	1.3	10	-481.371	983.062
-0.493	2.935	-0.288		1.344	11	-480.339	983.062
0.074		0.762	0.182	1.239	9	-482.401	983.063
0.052	-0.157	0.453		1.296	9	-482.408	983.076
-0.274		0.488		1.278	10	-481.38	983.08
1.263	1.485	1.222	0.584	1.289	12	-479.313	983.081
-0.992	1.814	0.472	0.307	1.3	12	-479.317	983.087
	-0.469	0.876		1.303	10	-481.387	983.094
	0.487	0.692		1.298	10	-481.389	983.097
	-0.192	0.411	0.003	1.294	9	-482.421	983.103

	1.256	0.478	0.146	1.303	10	-481.406	983.132
-0.284	-0.529	0.041		1.224	8	-483.464	983.135
		0.897	0.21	1.278	10	-481.408	983.136
-0.732	-0.469		0.009	1.274	9	-482.438	983.137
-0.973	-0.754			1.294	10	-481.413	983.146
0.248		1.04	0.318	1.288	11	-480.382	983.148
	0.797			1.287	8	-483.47	983.148
				1.417	6	-485.514	983.148
		0.868	0.154	1.264	10	-481.419	983.158
	0.341	0.78	0.207	1.302	10	-481.42	983.159
				1.321	8	-483.476	983.16
0.018		0.284	0.099	1.262	11	-480.391	983.166
-2.322	0.324		0.048	1.27	9	-482.453	983.168
		0.26	0.09	1.267	11	-480.392	983.168
	0.322	0.563		1.301	10	-481.425	983.169
-0.206	0.023	0.546		1.291	10	-481.425	983.169
0.019	1.049	0.535	0.147	1.307	10	-481.428	983.176
	1.503			1.295	10	-481.43	983.179
	0.454	0.762		1.297	10	-481.431	983.181
		1.021	0.271	1.276	11	-480.399	983.182
	-0.441	0.901		1.302	10	-481.432	983.183
-0.842	2.215	0.171	0.213	1.301	12	-479.367	983.188
				1.404	8	-483.491	983.191
-0.073	-0.328	0.621		1.292	9	-482.465	983.192
	-0.498	0.971		1.303	9	-482.468	983.196
	0.178	0.666		1.29	10	-481.439	983.197
-0.651				1.213	7	-484.519	983.2
-1.285		0.979	0.098	1.285	11	-480.409	983.201
			0.175	1.252	9	-482.474	983.209
-0.441				1.426	8	-483.502	983.211
			0.022	1.334	8	-483.502	983.213
		0.564		1.244	5	-486.565	983.216
0.813		1.048	0.363	1.27	11	-480.418	983.219
-1.262	-0.06	1.037	0.096	1.288	11	-480.424	983.232
	1.194	1.257	0.473	1.296	11	-480.429	983.241
	1.76			1.294	9	-482.491	983.243
	0.419	0.752		1.294	10	-481.462	983.244
			0.304	1.197	8	-483.519	983.247
-0.475				1.429	8	-483.522	983.253
			0.168	1.251	9	-482.502	983.265
-0.323		0.666		1.304	9	-482.505	983.27
	1.055			1.282	9	-482.51	983.281
				1.323	5	-486.599	983.284
-0.635			-0.052	1.266	10	-481.484	983.287
-0.513		0.14		1.266	10	-481.485	983.29
		0.061	0.231	1.229	12	-479.418	983.291
-1.238	0.043	1.084	0.106	1.288	11	-480.456	983.295
-0.519	0.238			1.28	7	-484.568	983.298

-0.895	-0.908			1.269	8	-483.545	983.299
-0.901	1.661	-0.612	-0.209	1.331	11	-480.461	983.305
	1.061	0.67		1.271	8	-483.549	983.305
0.169		0.626		1.326	9	-482.523	983.306
-0.479	-0.492		-0.068	1.293	10	-481.496	983.311
-1.516	1.624		-0.061	1.312	12	-479.429	983.312
				1.261	8	-483.56	983.328
	-0.12	0.76		1.301	10	-481.505	983.329
-0.06		0.083		1.271	11	-480.473	983.33
				1.259	8	-483.562	983.332
	1.342	0.981	0.381	1.297	11	-480.475	983.334
	0.805	0.924	0.304	1.296	10	-481.514	983.347
	1.167	1.034	0.385	1.297	11	-480.483	983.349
-0.094			0.017	1.264	11	-480.484	983.353
-0.383		0.181	0.047	1.263	11	-480.492	983.368
	0.207	0.647		1.293	10	-481.528	983.374
0.451		0.94	0.211	1.274	9	-482.558	983.377
-0.818	-2.934	2.261		1.289	12	-479.462	983.378
				1.208	7	-484.609	983.381
-0.012	0.508	0.937	0.285	1.298	10	-481.537	983.394
-0.242				1.337	8	-483.597	983.403
0.245				1.337	9	-482.578	983.416
-0.324				1.384	8	-483.605	983.417
-1.585	-0.246	0.956		1.288	11	-480.519	983.421
0.318	0.259	1.087	0.352	1.29	11	-480.519	983.422
-0.297	0.284	0.637		1.299	9	-482.581	983.423
	-0.506		-0.049	1.225	7	-484.631	983.424
		0.755	0.171	1.295	10	-481.553	983.425
				1.333	8	-483.613	983.435
-0.52				1.265	7	-484.643	983.448
				1.266	8	-483.62	983.448
-0.38	-0.436		-0.069	1.296	10	-481.568	983.456
	2.024		0.179	1.271	10	-481.57	983.459
-1.809				1.251	8	-483.627	983.462
				1.262	9	-482.605	983.471
	0.45	1.418	0.476	1.299	11	-480.544	983.471
0.122		0.694	0.207	1.277	11	-480.545	983.474
	1.852	0.903	0.406	1.294	11	-480.549	983.482
-0.522				1.258	7	-484.66	983.483
-0.166		0.389	0.115	1.268	11	-480.55	983.484
-1.653	-1.01		-0.073	1.295	10	-481.583	983.485
-0.547			-0.018	1.249	7	-484.667	983.496
-0.526				1.254	7	-484.668	983.498
			0.061	1.37	8	-483.645	983.499
	1.523			1.294	9	-482.624	983.508
			0.066	1.255	9	-482.625	983.51
-0.557			-0.015	1.395	8	-483.652	983.512
	-0.05	0.82		1.296	10	-481.599	983.518

	-0.231	0.836		1.302	9	-482.63	983.521
0.207		1.157	0.272	1.296	10	-481.607	983.533
				1.443	7	-484.688	983.539
	0.422	1.431	0.46	1.299	11	-480.58	983.543
0.328	0.223	1.019	0.337	1.287	11	-480.582	983.548
-0.603			-0.021	1.397	8	-483.671	983.551
	2.588		0.506	1.253	10	-481.619	983.557
	2.23		0.131	1.293	11	-480.59	983.563
	-0.183	0.935	0.187	1.293	10	-481.623	983.565
	1.797	0.963	0.457	1.299	12	-479.556	983.566
0.071	-0.142	0.915	0.181	1.294	10	-481.624	983.568
-0.583	-0.368		0.018	1.278	9	-482.656	983.573
-0.811		-0.29	-0.163	1.261	10	-481.628	983.575
			-0.071	1.377	9	-482.658	983.576
	0.64			1.286	9	-482.665	983.59
-1.857		-0.003	-0.205	1.281	12	-479.569	983.593
-0.022	-0.026	0.761		1.301	9	-482.666	983.593
			-0.014	1.272	10	-481.645	983.608
	1.459			1.316	10	-481.647	983.614
-1.37	3.5	-0.559		1.344	12	-479.581	983.615
-0.349	-0.431		-0.14	1.307	9	-482.682	983.625
-1.587				1.256	10	-481.653	983.625
0.271	1.048	1.001	0.315	1.297	10	-481.653	983.626
-0.179		0.601	0.156	1.267	10	-481.663	983.646
		0.634	0.151	1.272	10	-481.667	983.654
		0.57		1.277	10	-481.671	983.66
-1.222		-0.654	-0.309	1.335	11	-480.642	983.668
				1.243	8	-483.731	983.67
-0.054		0.923	0.242	1.294	10	-481.675	983.67
-0.376			-0.082	1.462	8	-483.735	983.679
	1.621	0.962	0.381	1.293	11	-480.649	983.681
			0.204	1.248	9	-482.712	983.684
		0.419		1.289	6	-485.786	983.693
	-0.168	0.319	-0.031	1.285	9	-482.718	983.697
-1.45			0.026	1.254	10	-481.691	983.702
-1.192	3.471	-0.503	0.009	1.344	12	-479.626	983.706
-0.4				1.384	6	-485.794	983.709
			0.082	1.29	8	-483.757	983.723
	0.266	1.015	0.333	1.304	11	-480.674	983.731
			0.085	1.259	9	-482.736	983.732
0.033	-0.141	0.356		1.281	9	-482.739	983.739
			-0.007	1.259	8	-483.77	983.749
-0.732	-0.421	0.431		1.308	11	-480.686	983.756
0.117	1.845	0.848	0.412	1.299	12	-479.655	983.765
-0.763	4.888	-0.774	0.227	1.313	14	-477.577	983.766
	0.316			1.293	8	-483.781	983.771
	0.595	0.462		1.308	10	-481.727	983.774
-0.342	-0.456		-0.144	1.299	9	-482.757	983.776

				1.278	8	-483.788	983.785
-0.619	1.946		0.24	1.272	10	-481.734	983.788
0.296	1.292	0.984	0.326	1.292	10	-481.735	983.789
	0.537	0.498		1.307	10	-481.739	983.797
		0.579	0.029	1.348	9	-482.769	983.798
0.425		0.547	0.16	1.266	12	-479.672	983.798
-0.494	-0.305			1.272	7	-484.82	983.801
		1.357	0.417	1.291	11	-480.719	983.821
			-0.003	1.268	8	-483.812	983.833
-0.315				1.458	8	-483.814	983.836
	0.458	0.509		1.308	10	-481.761	983.841
0.234	0.233	0.9	0.204	1.303	10	-481.763	983.846
-3.495	-1.012			1.265	10	-481.765	983.849
-0.361				1.452	8	-483.82	983.849
-0.334	-0.464		-0.144	1.294	9	-482.796	983.853
		1.379	0.408	1.292	11	-480.735	983.854
	1.777		0.088	1.276	9	-482.799	983.859
	-0.885	0.755		1.306	11	-480.74	983.864
				1.267	8	-483.831	983.871
				1.263	8	-483.833	983.875
0.033	0.219	0.742		1.296	9	-482.808	983.876
	0.399	0.569		1.307	10	-481.779	983.878
				1.263	8	-483.835	983.878
0.15		0.47	0.02	1.296	9	-482.81	983.88
	0.967	0.23		1.306	11	-480.75	983.883
-0.631	-0.848			1.269	8	-483.84	983.888
	-0.031			1.268	8	-483.846	983.9
	0.192			1.274	9	-482.819	983.9
	0.095			1.298	8	-483.847	983.901
	-0.489			1.28	9	-482.822	983.904
-1.051	0.193			1.278	8	-483.849	983.906
				1.269	9	-482.823	983.907
	-0.425			1.281	8	-483.85	983.907
	0.051		-0.003	1.3	8	-483.85	983.909
			-0.005	1.283	8	-483.851	983.911
-0.329	-0.453		-0.146	1.289	9	-482.827	983.915
			-0.008	1.294	8	-483.856	983.92
	0.595	0.438		1.31	10	-481.803	983.925
	0.67	0.411		1.31	10	-481.803	983.925
		0.688		1.304	10	-481.804	983.928
	0.038	0.71		1.306	10	-481.805	983.929
-1.063				1.276	8	-483.863	983.935
		0.708		1.302	10	-481.809	983.937
	0.023	0.735		1.305	10	-481.81	983.94
		0.715		1.302	10	-481.812	983.943
0.274	1.509	0.94	0.339	1.287	10	-481.813	983.945
		0.612		1.303	10	-481.815	983.949
		0.604		1.303	10	-481.818	983.956

	0.004	0.629		1.309	10	-481.823	983.966
	-0.011	0.63		1.308	10	-481.824	983.967
				1.266	9	-482.855	983.971
	-0.259		0.121	1.27	9	-482.858	983.976
-0.861			0.075	1.252	10	-481.837	983.993
-0.952			0.058	1.255	10	-481.84	984
-0.222	-0.36	0.552		1.297	10	-481.84	984
-1.936			-0.058	1.26	10	-481.842	984.004
0.079		0.658	0.108	1.294	10	-481.845	984.01
-0.468	-0.343			1.267	7	-484.924	984.011
				1.348	7	-484.925	984.012
		1.01	0.306	1.292	11	-480.814	984.013
-0.596	0.893		-0.019	1.317	11	-480.815	984.013
-0.618	1.078	-0.048		1.31	11	-480.815	984.014
-1.744	-0.517			1.255	8	-483.905	984.019
		0.456		1.179	6	-485.952	984.025
-0.354	-0.413		-0.091	1.327	10	-481.856	984.032
		0.994	0.361	1.275	11	-480.828	984.039
-0.388	-0.524	-0.037	-0.161	1.274	9	-482.894	984.049
				1.304	5	-486.99	984.067
-0.907			0.046	1.252	8	-483.933	984.075
-0.53	-0.716			1.277	9	-482.908	984.078
-0.44	-0.343			1.264	7	-484.98	984.123
	1.452			1.287	10	-481.91	984.14
-1.458	-0.311	0.506	-0.064	1.289	12	-479.85	984.154
-5.703	-3.794		-0.486	1.276	11	-480.888	984.16
		0.913		1.314	11	-480.889	984.161
				1.274	9	-482.953	984.166
	0.225	0.534		1.307	11	-480.894	984.173
	-0.368		0.017	1.282	10	-481.932	984.184
	0.451			1.292	10	-481.94	984.2
				1.262	8	-484.002	984.212
-1.108			0.06	1.264	10	-481.948	984.216
	0.501			1.294	10	-481.951	984.222
-0.49			-0.033	1.411	8	-484.009	984.226
	-0.273		-0.045	1.289	10	-481.954	984.227
-1.308	-0.15			1.265	10	-481.959	984.238
	-0.347		-0.062	1.295	8	-484.018	984.244
-3.165			-0.051	1.278	10	-481.964	984.248
	0.08	0.548	0.083	1.251	8	-484.024	984.257
				1.369	7	-485.048	984.258
				1.288	10	-481.975	984.269
	0.431	0.477		1.306	11	-480.948	984.281
-0.018	0.525	0.646		1.29	9	-483.011	984.283
-0.58		-0.183	-0.165	1.278	10	-481.984	984.287
	-0.328			1.278	8	-484.047	984.302
-1.402	-0.67			1.262	10	-481.995	984.31
-0.689	0.137		0.116	1.263	10	-482.001	984.32

-0.297				1.345	6	-486.102	984.326
	-0.464			1.28	8	-484.059	984.326
	-0.359			1.279	8	-484.068	984.343
-0.489			-0.035	1.416	8	-484.071	984.351
-0.089		0.354	0.007	1.284	10	-482.021	984.362
	1.488			1.291	9	-483.051	984.363
-0.548	-0.574		-0.019	1.298	9	-483.053	984.368
	0.46	1.25	0.314	1.296	11	-480.992	984.368
	0.472	1.229	0.308	1.296	11	-480.993	984.369
0.023		0.54	0.114	1.218	8	-484.083	984.375
		0.524	0.11	1.217	8	-484.083	984.375
	1.569		0.059	1.304	10	-482.04	984.399
				1.275	9	-483.07	984.401
	-0.341			1.282	8	-484.098	984.405
			-0.05	1.277	9	-483.077	984.415
-3.052	0.086		-0.051	1.268	10	-482.048	984.416
0.339	0.143	0.919	0.189	1.296	10	-482.051	984.421
-1.537	-0.466		-0.047	1.266	10	-482.057	984.432
	-0.406		-0.049	1.29	8	-484.112	984.433
	2.291		0.155	1.286	11	-481.025	984.434
		1.391	0.316	1.294	11	-481.029	984.441
	0.967			1.291	9	-483.1	984.461
	1.54			1.313	10	-482.074	984.467
0.313	-0.093	0.892	0.196	1.292	10	-482.074	984.468
0.427		1.042	0.253	1.293	10	-482.075	984.468
-2.992	-1.268		-0.088	1.276	10	-482.078	984.475
			0.184	1.342	6	-486.184	984.489
0.063	0.17	0.601		1.259	8	-484.144	984.497
-0.365	-0.638			1.276	9	-483.127	984.514
				1.333	5	-487.214	984.514
-1.002		0.524	0.166	1.29	12	-480.041	984.537
			0.069	1.283	9	-483.139	984.538
	1.347		0.19	1.27	10	-482.112	984.542
	-0.205			1.263	6	-486.212	984.544
				1.349	5	-487.23	984.547
	-0.432		0.034	1.273	9	-483.143	984.548
	-0.613	1.166		1.301	10	-482.115	984.549
	-0.707	1.235		1.3	10	-482.115	984.55
-1.168	-0.401	-0.507	-0.29	1.358	11	-481.084	984.551
				1.385	7	-485.195	984.552
	0.769	1.101	0.27	1.294	11	-481.085	984.553
-1.661	-0.925			1.26	9	-483.147	984.555
	-0.458			1.275	9	-483.148	984.556
-0.955	1.026	0.259		1.289	11	-481.09	984.564
	0.228	1.315	0.29	1.292	11	-481.097	984.578
	-0.406		0.046	1.273	9	-483.161	984.583
-0.343	0.147		0.145	1.266	10	-482.135	984.589
	1.745			1.302	10	-482.136	984.592

	0.319			1.269	9	-483.169	984.599
				1.322	6	-486.239	984.6
-0.346				1.39	6	-486.246	984.612
			0.03	1.43	7	-485.226	984.614
0.147	0.357	1.293	0.44	1.302	12	-480.084	984.622
				1.436	7	-485.23	984.622
-0.218		0.376		1.224	8	-484.207	984.623
				1.426	6	-486.251	984.623
	1.961		0.045	1.3	10	-482.156	984.631
	0.679	0.954	0.275	1.297	11	-481.125	984.634
				1.414	7	-485.239	984.64
-0.799	1.019	0.263		1.287	11	-481.136	984.656
	-0.174	0.9		1.302	10	-482.177	984.673
	-0.419		-0.044	1.281	8	-484.233	984.674
		0.943		1.303	10	-482.178	984.675
-1.659	1.299			1.278	11	-481.148	984.679
	-0.314	0.574	0.071	1.29	10	-482.182	984.683
	0.012	0.904		1.301	10	-482.184	984.688
	0.72			1.27	9	-483.215	984.69
-0.299				1.387	6	-486.286	984.693
-0.456	-0.327			1.244	7	-485.267	984.696
	0.039			1.294	9	-483.222	984.705
	-0.463			1.275	8	-484.253	984.714
	-0.142	0.864		1.303	10	-482.2	984.72
	2.952	-0.769		1.344	11	-481.171	984.727
		1.292	0.268	1.285	11	-481.175	984.733
			0.013	1.266	10	-482.213	984.745
-0.435		0.216	0.045	1.198	8	-484.276	984.761
	-0.471			1.269	8	-484.278	984.765
	-0.407		-0.035	1.276	8	-484.28	984.768
				1.279	6	-486.325	984.772
			-0.064	1.273	9	-483.258	984.777
-0.272				1.449	7	-485.311	984.785
-0.699	1.03			1.267	8	-484.291	984.791
-0.573		0.313	0.036	1.273	11	-481.205	984.794
	-0.475	0.147	-0.035	1.195	8	-484.3	984.808
-0.127				1.421	7	-485.326	984.813
-0.535	2.211	-0.362	-0.11	1.341	11	-481.216	984.816
-0.032	-0.31	0.479		1.294	10	-482.252	984.823
				1.218	5	-487.369	984.824
-0.216		0.441		1.261	6	-486.353	984.827
				1.264	9	-483.284	984.828
-0.41				1.324	5	-487.376	984.839
	0.45		0.228	1.263	10	-482.264	984.848
			-0.093	1.43	7	-485.344	984.85
				1.436	6	-486.365	984.852
			0.218	1.221	9	-483.306	984.872
	-0.389		0.033	1.289	9	-483.316	984.892

				1.317	8	-484.344	984.897
		0.596	0.112	1.243	6	-486.393	984.906
	1.118		0.085	1.279	9	-483.34	984.942
-1.06	-0.777		-0.088	1.301	11	-481.28	984.944
-0.584	-0.414		-0.081	1.219	7	-485.393	984.949
	1.008	0.63	0.2	1.3	11	-481.291	984.966
-0.999	-0.93		-0.118	1.276	9	-483.353	984.967
-0.492	-0.399	0.095		1.202	7	-485.404	984.969
-0.613	0.904			1.27	8	-484.382	984.973
0.312	0.034	0.744	0.134	1.293	10	-482.332	984.983
	-0.398			1.306	9	-483.362	984.985
	-0.357		0.009	1.305	9	-483.362	984.985
		0.417	0.223	1.142	7	-485.415	984.991
	-0.323		0.016	1.303	9	-483.366	984.992
				1.3	8	-484.397	985.003
	-0.291	0.687		1.304	11	-481.317	985.019
-1.066	1.035	-0.645	-0.25	1.337	12	-480.284	985.022
				1.406	7	-485.442	985.046
	-0.135	0.513		1.22	6	-486.468	985.056
0.457		0.579	0.202	1.268	12	-480.315	985.084
	-0.185			1.297	9	-483.422	985.105
	0.472	0.595		1.299	11	-481.369	985.122
-2.1			-0.13	1.261	9	-483.438	985.136
			0.044	1.314	9	-483.443	985.146
-0.556	0.756			1.272	8	-484.472	985.152
-0.217				1.415	9	-483.446	985.153
				1.336	6	-486.519	985.159
-0.453			-0.057	1.431	9	-483.46	985.18
	1.957		0.047	1.289	10	-482.437	985.193
			-0.068	1.272	9	-483.468	985.197
				1.337	5	-487.556	985.198
				1.285	4	-488.572	985.201
-0.487			-0.063	1.434	9	-483.47	985.201
-2.259	-0.547		-0.199	1.262	9	-483.482	985.224
				1.351	9	-483.486	985.233
			0.011	1.404	9	-483.489	985.24
			-0.061	1.267	9	-483.491	985.243
-0.656			-0.009	1.213	8	-484.518	985.244
	1.745			1.296	10	-482.463	985.245
			0.175	1.25	10	-482.467	985.253
				1.43	6	-486.566	985.254
				1.316	5	-487.589	985.265
-0.571	-0.682		-0.145	1.292	10	-482.483	985.285
-1.779	0.609			1.259	9	-483.514	985.29
	1.293	1.217	0.47	1.296	12	-480.419	985.292
-0.318	-0.255	0.687		1.302	10	-482.487	985.293
				1.321	6	-486.586	985.293
	1.125	1.285	0.481	1.297	12	-480.42	985.294

				1.369	6	-486.594	985.31
				1.32	6	-486.596	985.314
	-0.249		0.235	1.266	7	-485.577	985.317
	1.1			1.282	10	-482.5	985.319
				1.262	7	-485.581	985.325
				1.26	9	-483.532	985.325
				1.279	9	-483.54	985.341
			-0.127	1.357	8	-484.567	985.342
-0.519	0.238		0	1.28	8	-484.568	985.344
-0.578		0.065	-0.031	1.266	11	-481.481	985.347
			-0.054	1.275	9	-483.56	985.381
0.215			-0.052	1.342	10	-482.536	985.392
0.026	0.801	0.935	0.304	1.296	11	-481.514	985.411
	2.09		0.16	1.275	11	-481.516	985.415
				1.286	10	-482.56	985.439
	-0.237			1.271	6	-486.661	985.443
	0.425	1.339	0.501	1.301	12	-480.495	985.444
-0.224			0.019	1.335	9	-483.593	985.447
-0.274			0.021	1.383	9	-483.6	985.461
				1.333	8	-484.633	985.475
-0.531			-0.02	1.266	8	-484.638	985.484
			0.006	1.331	9	-483.612	985.485
			0.239	1.282	7	-485.67	985.502
			0.145	1.252	9	-483.623	985.506
	1.665		0.035	1.288	10	-482.599	985.518
-0.532			-0.02	1.26	8	-484.655	985.519
			-0.136	1.38	8	-484.656	985.52
-0.535			-0.019	1.255	8	-484.664	985.536
	0.482			1.292	9	-483.64	985.541
-0.456			-0.09	1.382	7	-485.691	985.544
			0.131	1.255	9	-483.649	985.559
			0.111	1.256	9	-483.652	985.565
				1.259	7	-485.702	985.566
			-0.022	1.445	8	-484.68	985.569
-0.492				1.417	7	-485.709	985.579
-2.196	-0.983		-0.209	1.268	10	-482.634	985.588
0.141	-0.066	1.078	0.243	1.293	11	-481.602	985.588
	-0.413		-0.088	1.292	9	-483.667	985.594
-1.069				1.338	9	-483.673	985.607
	-0.273			1.268	7	-485.735	985.631
-1.521	3.411	-0.691	-0.057	1.343	13	-479.553	985.636
				1.286	7	-485.741	985.645
-0.335			-0.087	1.466	9	-483.698	985.656
	1.39			1.318	11	-481.639	985.662
				1.281	6	-486.772	985.665
	-0.081		0.108	1.265	9	-483.705	985.671
-0.07		0.394		1.294	7	-485.76	985.683
				1.33	8	-484.74	985.688

-1.596			0.003	1.256	11	-481.653	985.689
0.46	0.386	0.896	0.216	1.257	9	-483.715	985.69
-0.699	-0.856		-0.095	1.274	9	-483.715	985.691
-0.383			-0.08	1.459	9	-483.729	985.718
		0.421	0.005	1.289	7	-485.786	985.733
-0.082	-0.234	0.249	-0.058	1.287	10	-482.707	985.734
				1.278	8	-484.767	985.742
-0.398	-0.576		-0.138	1.29	10	-482.725	985.769
-0.526	-0.298		-0.053	1.274	8	-484.783	985.774
	-0.141			1.262	6	-486.83	985.782
	0.428		0.036	1.29	9	-483.76	985.782
			-0.038	1.284	9	-483.762	985.785
-1.081	0.253		0.086	1.274	9	-483.763	985.786
				1.26	8	-484.79	985.788
			0.25	1.266	10	-482.737	985.793
	0.516			1.267	9	-483.767	985.795
			0.428	1.296	8	-484.797	985.803
	-0.337			1.214	5	-487.864	985.815
	0.653	0.442		1.308	11	-481.726	985.836
				1.269	6	-486.858	985.837
			0.254	1.323	9	-483.8	985.861
	0.551	0.496		1.307	11	-481.739	985.862
		1.284	0.422	1.29	12	-480.708	985.869
-0.248				1.353	6	-486.874	985.87
	0.885			1.27	9	-483.807	985.875
				1.259	7	-485.858	985.877
				1.384	7	-485.86	985.882
-1.073			0.062	1.271	9	-483.814	985.889
	0.119			1.267	9	-483.818	985.898
	-0.482			1.282	9	-483.828	985.916
				1.263	9	-483.833	985.928
				1.294	6	-486.909	985.939
	0.436	0.556		1.307	11	-481.779	985.941
	-0.49		-0.021	1.282	10	-482.815	985.948
	0.116		0.008	1.298	9	-483.846	985.952
-0.066				1.358	8	-484.874	985.957
-1.046	0.223			1.277	9	-483.849	985.958
-0.505	-0.332		-0.062	1.27	8	-484.875	985.959
	-0.708			1.275	8	-484.878	985.964
			0.004	1.268	10	-482.823	985.965
			0.215	1.211	6	-486.927	985.974
				1.285	6	-486.929	985.98
-0.239				1.441	7	-485.909	985.98
			0.068	1.31	6	-486.93	985.981
	0.022	0.694		1.307	11	-481.803	985.99
	-0.281		-0.092	1.29	9	-483.864	985.99
		0.68		1.303	11	-481.804	985.992
				1.385	7	-485.917	985.995

	-0.329		-0.101	1.29	9	-483.869	985.999
			0.113	1.255	9	-483.869	985.999
			0.157	1.34	7	-485.925	986.011
				1.343	8	-484.91	986.028
	-0.475		-0.096	1.29	9	-483.885	986.032
-0.194			-0.154	1.446	8	-484.916	986.041
	-0.406			1.266	7	-485.943	986.048
-0.194				1.438	7	-485.95	986.062
			0.232	1.294	9	-483.901	986.062
	-0.249			1.261	6	-486.973	986.066
-0.477	-0.334		-0.061	1.267	8	-484.934	986.076
				1.305	6	-486.99	986.102
-0.328			-0.148	1.47	8	-484.948	986.105
				1.255	8	-484.965	986.138
				1.265	6	-487.025	986.172
-0.358			-0.09	1.345	7	-486.008	986.178
	-0.286			1.272	10	-482.935	986.189
	-0.288		-0.079	1.292	9	-483.969	986.199
	1.301			1.296	10	-482.961	986.241
	2.34		0.11	1.293	11	-481.931	986.246
			-0.095	1.34	6	-487.067	986.254
	0.369			1.292	11	-481.938	986.26
-1.161	-0.051		0.049	1.263	11	-481.947	986.277
			0.293	1.24	8	-485.036	986.28
-0.018				1.372	8	-485.045	986.299
				1.254	7	-486.075	986.312
	-0.143			1.278	7	-486.077	986.316
	-0.279			1.279	9	-484.031	986.323
-0.418			-0.115	1.387	7	-486.085	986.331
-0.73				1.404	7	-486.095	986.351
	-0.417			1.28	9	-484.047	986.356
-0.303				1.352	7	-486.099	986.359
-0.298				1.344	7	-486.102	986.366
	1.77		0.054	1.304	11	-481.994	986.371
	-0.241			1.252	7	-486.114	986.391
			-0.036	1.281	10	-483.038	986.396
-0.509			-0.171	1.327	6	-487.139	986.399
0.013		0.533	0.113	1.217	9	-484.083	986.427
				1.253	7	-486.133	986.429
-0.372			-0.111	1.384	7	-486.135	986.433
	-0.529			1.255	7	-486.135	986.433
			0.204	1.334	7	-486.137	986.435
	0.451	1.258	0.315	1.296	12	-480.992	986.439
				1.432	7	-486.139	986.439
			-0.138	1.416	8	-485.116	986.44
	-0.197			1.274	7	-486.145	986.453
				1.365	6	-487.168	986.458
			0.188	1.34	7	-486.161	986.485

	1.08		0.033	1.286	10	-483.083	986.485
				1.252	6	-487.187	986.495
	-0.42			1.293	9	-484.123	986.507
			0.174	1.346	7	-486.175	986.513
	-0.219			1.253	6	-487.197	986.516
			0.049	1.353	6	-487.198	986.517
	0.288		0.093	1.287	10	-483.1	986.52
0.362	-0.06	0.969	0.226	1.291	11	-482.07	986.524
			0.254	1.259	9	-484.142	986.546
	-0.5		-0.083	1.282	9	-484.144	986.548
				1.3	7	-486.197	986.556
	-0.275			1.307	10	-483.121	986.562
	0.344			1.248	6	-487.222	986.565
	-0.207			1.26	7	-486.206	986.574
			0.029	1.388	8	-485.184	986.577
-0.71	1.443		0.117	1.263	9	-484.167	986.595
	-0.547			1.26	8	-485.195	986.598
	-0.68	1.204		1.301	11	-482.113	986.61
			-0.038	1.429	7	-486.228	986.617
	1.799		0.3	1.258	10	-483.15	986.62
				1.438	8	-485.213	986.635
-0.498	-0.32		-0.065	1.247	8	-485.216	986.64
			0.025	1.434	8	-485.222	986.651
			0.029	1.431	8	-485.226	986.659
	2.103		0.295	1.26	10	-483.171	986.662
				1.427	7	-486.25	986.662
			0.297	1.239	8	-485.23	986.669
			-0.075	1.444	7	-486.271	986.705
	-0.152	0.533	0.119	1.215	7	-486.276	986.713
	-0.466		0.069	1.266	9	-484.232	986.725
	2.82	-0.801		1.348	12	-481.137	986.728
				1.268	7	-486.292	986.745
				1.289	7	-486.297	986.757
			-0.073	1.331	9	-484.252	986.764
			-0.052	1.271	10	-483.233	986.785
-0.208				1.438	8	-485.294	986.795
-0.599	1.351		0.115	1.265	9	-484.274	986.809
-0.156		0.491	0.054	1.255	7	-486.331	986.825
	-0.514			1.26	7	-486.349	986.86
	1.367			1.273	9	-484.304	986.87
-0.135			-0.164	1.383	9	-484.332	986.926
-0.541	-0.395	0.071	-0.064	1.209	8	-485.36	986.928
	1.046		0.523	1.304	9	-484.334	986.929
			0.116	1.34	10	-483.325	986.97
			0.116	1.326	6	-487.432	986.985
	-0.303		0.258	1.248	8	-485.39	986.989
			0.306	1.248	8	-485.405	987.019
	0.734			1.271	8	-485.416	987.041

	-0.388	0.006	1.305	10	-483.362	987.043
		0.131	1.275	11	-482.347	987.078
	-1.269		1.277	8	-485.44	987.087
	0.751	0.301	1.316	10	-483.39	987.1
-0.528	1.075	0.079	1.269	9	-484.42	987.101
		0.071	1.343	6	-487.493	987.108
	-0.209	-0.033	1.3	10	-483.398	987.116
			1.334	7	-486.482	987.126
	-0.885		1.265	9	-484.439	987.138
	-0.272	0.12	1.266	7	-486.49	987.142
	-0.266	0.267	1.252	8	-485.476	987.16
		-0.063	1.436	7	-486.503	987.167
		-0.074	1.271	10	-483.428	987.175
-0.329		-0.167	1.372	7	-486.507	987.176
		0.158	1.267	7	-486.508	987.178
-0.28		-0.031	1.42	10	-483.437	987.194
-2.087	0.04	-0.125	1.261	10	-483.438	987.194
		0.041	1.285	5	-488.555	987.195
-0.305		-0.166	1.461	8	-485.496	987.201
	0.897		1.266	8	-485.498	987.204
			1.333	6	-487.553	987.228
	1.937	0.04	1.291	11	-482.429	987.242
	0.779	0.367	1.258	9	-484.498	987.257
			1.337	7	-486.552	987.266
		-0.047	1.366	7	-486.565	987.293
		0.055	1.257	8	-485.546	987.3
		-0.109	1.346	9	-484.525	987.312
		0.445	1.303	9	-484.528	987.316
	0.38	0.199	1.259	10	-483.499	987.317
	-0.22	0.219	1.273	8	-485.555	987.317
-0.263		-0.163	1.457	8	-485.559	987.326
	-0.623		1.269	7	-486.585	987.331
	-0.724		1.269	8	-485.562	987.332
	-0.373	0.229	1.262	8	-485.565	987.339
-1.15			1.337	8	-485.575	987.358
-0.57		-0.1	1.42	8	-485.576	987.361
	-0.25	0.235	1.266	8	-485.577	987.363
			1.262	8	-485.581	987.371
		-0.128	1.358	9	-484.567	987.394
	-0.32		1.272	7	-486.624	987.409
		0.255	1.313	10	-483.555	987.429
		0.151	1.254	7	-486.636	987.434
-0.083		-0.153	1.398	9	-484.592	987.445
	-0.268	0.22	1.294	10	-483.565	987.449
	-0.38	0.149	1.202	6	-487.666	987.452
	0.447	0.236	1.253	7	-486.656	987.474
		0.098	1.275	8	-485.641	987.49
		0.263	1.271	8	-485.642	987.493

	0.437			1.272	8	-485.659	987.527
	-0.18		0.112	1.256	7	-486.686	987.533
			0.181	1.253	7	-486.687	987.535
			0.153	1.254	10	-483.612	987.544
			0.234	1.284	8	-485.669	987.546
	-0.149			1.271	8	-485.68	987.569
			0.026	1.257	8	-485.695	987.599
	0.489		0.003	1.291	10	-483.64	987.599
	-0.425		-0.087	1.291	10	-483.666	987.651
	-0.286		0.141	1.257	7	-486.747	987.656
	-0.277		0.016	1.267	8	-485.731	987.671
				1.255	7	-486.756	987.675
				1.281	7	-486.769	987.7
-0.091		0.373	-0.025	1.299	8	-485.754	987.716
	-0.128			1.257	7	-486.778	987.717
			0.199	1.243	7	-486.781	987.723
	-1.111			1.272	8	-485.765	987.738
-0.573				1.454	8	-485.771	987.751
-1.045			-0.173	1.41	8	-485.773	987.754
-1.029	0.668		0.118	1.272	10	-483.726	987.772
			0.05	1.256	9	-484.762	987.786
	2.485		0.264	1.264	10	-483.742	987.804
	-0.218			1.261	7	-486.826	987.814
	-0.135			1.261	7	-486.83	987.821
	0.642			1.268	10	-483.754	987.827
				1.264	7	-486.844	987.85
				1.32	7	-486.849	987.859
			0.035	1.377	8	-485.843	987.895
			0.065	1.29	7	-486.874	987.909
			0.081	1.382	8	-485.855	987.917
			0.046	1.3	7	-486.885	987.931
	-0.255		0.168	1.251	7	-486.893	987.948
				1.294	7	-486.909	987.98
	-0.391		-0.103	1.291	10	-483.845	988.01
	-0.708		-0.003	1.275	9	-484.878	988.016
			0.069	1.307	7	-486.929	988.021
	0.603			1.26	9	-484.883	988.027
	-0.297		-0.096	1.29	10	-483.863	988.044
			-0.117	1.443	8	-485.924	988.055
	0.796			1.26	8	-485.927	988.063
	1.455		0.436	1.241	9	-484.903	988.067
-0.236			-0.152	1.454	9	-484.907	988.075
	-0.454			1.261	7	-486.958	988.079
	-0.407		-0.01	1.266	8	-485.942	988.092
-0.372			-0.095	1.358	8	-485.995	988.198
-0.358			-0.091	1.348	8	-486.007	988.223
				1.253	8	-486.016	988.24
			0.029	1.252	8	-486.068	988.345

-0.929		-0.232	1.5	9	-485.068	988.396
	-0.787		1.261	8	-486.094	988.396
	1.6	0.213	1.264	9	-485.075	988.41
	-0.292		1.252	8	-486.114	988.436
	-0.253	0.082	1.305	11	-483.041	988.465
		0.014	1.364	7	-487.166	988.495
	-0.015		1.252	7	-487.187	988.536
	-0.183	0.229	1.258	10	-484.134	988.587
		-0.049	1.435	8	-486.217	988.643
	1.881	0.29	1.26	11	-483.137	988.657
		0.016	1.437	9	-485.21	988.681
-1.471		-0.171	1.345	9	-485.275	988.811
	-0.531		1.26	8	-486.348	988.905
	-0.517	-0.007	1.26	8	-486.349	988.906
	1.461	0.151	1.261	9	-485.328	988.916
	0.891	0.516	1.306	10	-484.32	988.96
	0.535	0.373	1.249	9	-485.351	988.962
	-0.978	0.109	1.275	9	-485.361	988.982
		0.127	1.322	7	-487.429	989.021
	-0.388	0.132	1.267	8	-486.42	989.048
	0.836		1.27	9	-485.398	989.057
		0.184	1.269	8	-486.451	989.11
		-0.026	1.335	8	-486.474	989.157
	-0.252	0.123	1.266	8	-486.49	989.188
	-0.728		1.271	8	-486.54	989.289
	1.205	0.31	1.245	8	-486.557	989.323
		0.071	1.257	9	-485.533	989.327
	-0.585	0.188	1.267	9	-485.544	989.349
	-0.73	-0.026	1.27	9	-485.555	989.37
		0.131	1.248	8	-486.608	989.425
	0.2	0.183	1.258	8	-486.618	989.445
		0.151	1.254	8	-486.636	989.48
	-0.096	0.076	1.268	9	-485.626	989.512
	0.408	0.231	1.254	8	-486.656	989.52
	-0.171	0.101	1.255	8	-486.679	989.567
	-0.2	0.118	1.258	8	-486.68	989.569
	0.263		1.257	8	-486.74	989.688
	-0.25		1.261	8	-486.825	989.859
	1.281	0.143	1.255	9	-485.801	989.863
		0.014	1.319	8	-486.847	989.903
	0.85		1.259	9	-485.85	989.96
		0.035	1.25	9	-486.007	990.274
	1.586	0.215	1.264	10	-485.074	990.467
	-0.536	-0.007	1.26	9	-486.348	990.956
	1.132	0.241	1.249	9	-486.411	991.083
	-0.336	0.14	1.267	9	-486.419	991.099
	0.457	0.205	1.255	9	-486.597	991.456
		0.217	1.293	8	-487.735	991.678

	1.39		0.159	1.253	10	-485.697	991.714
-3.662		-1.628			9	-498.136	1014.532
-4.189		-1.475			10	-497.868	1016.055
-4.358		-1.742			10	-497.921	1016.161
-3.593		-1.571	0.024		10	-498.126	1016.572
-3.643		-1.628			10	-498.134	1016.588
-3.675	0.006	-1.631			10	-498.135	1016.59
-2.48	0.8		0.626		9	-499.525	1017.311
-4.77		-1.84			11	-497.51	1017.404
-6.505		-2.98	-0.385		12	-496.678	1017.81
-4.499	-0.216	-1.749			11	-497.767	1017.918
-4.561		-1.592			11	-497.783	1017.95
-2.461			0.554		9	-499.915	1018.091
-4.153	-0.03	-1.462			11	-497.863	1018.11
-4.237		-1.498	-0.013		11	-497.865	1018.114
-4.157		-1.471			11	-497.866	1018.115
-4.271		-1.631	0.051		11	-497.882	1018.148
-3.358	0.896	-0.446	0.595		10	-499.044	1018.408
-4.092			0.317		8	-501.15	1018.508
-3.613	0.118	-1.478	0.08		11	-498.1	1018.585
-3.623	0.259	-1.657			11	-498.102	1018.588
-3.605		-1.548	0.037		11	-498.124	1018.632
-5.364		-0.635			9	-500.242	1018.745
-2.462	10.587	-3.77	1.286		13	-496.149	1018.829
-5.122	0.879	-2.009			12	-497.201	1018.856
-2.268	1.156		0.688		10	-499.316	1018.951
-5.555	3.154	-3.465			13	-496.214	1018.958
-2.711	0.929		0.683		10	-499.469	1019.258
-2.429	1.187		0.65		10	-499.477	1019.274
-2.762	0.746		0.594		10	-499.498	1019.314
-5.68	-0.943	-1.883	-0.57		11	-498.49	1019.364
-3.229		-0.392	0.519		10	-499.537	1019.393
-5.613	4.778	-4.114			12	-497.472	1019.397
-4.801		-1.801			12	-497.504	1019.462
-7.482	-3.403	-2.2	-0.85		12	-497.525	1019.504
-3.365			0.494		10	-499.613	1019.545
-5.333	-0.674	-2.314	-0.235		12	-497.545	1019.545
-3.703			0.241		9	-500.661	1019.584
	11.757	-3.269	1.533		12	-497.593	1019.641
-4.684	-0.314	-0.727			10	-499.675	1019.669
-6.44	0.433	-2.941	-0.347		13	-496.603	1019.736
-4.231		-0.662			10	-499.721	1019.761
-4.692	-0.205	-1.626			12	-497.656	1019.767
-4.367		-0.821	0.393		10	-499.738	1019.796
-2.298			0.591		10	-499.756	1019.832
-6.562		-2.939	-0.396		13	-496.661	1019.852
-2.457			0.472		9	-500.804	1019.87
-1.716			0.451		8	-501.837	1019.882

-7.54		-3.587	-0.657	11	-498.752	1019.887
-4.829			0.313	9	-500.823	1019.906
-4.623		-0.747		10	-499.812	1019.943
-4.522		-1.565	0.019	12	-497.779	1020.011
-4.53	-0.295	-1.694	-0.179	12	-497.786	1020.027
-4.617	0.191		0.329	9	-500.932	1020.124
-5.838	-2.671			9	-500.936	1020.133
-4.26		-1.577	-0.066	12	-497.844	1020.143
-2.485			0.559	10	-499.914	1020.147
-4.588			0.307	9	-500.951	1020.163
-4.222	-0.165	-1.435		12	-497.857	1020.168
-3.423			0.362	9	-501.019	1020.3
-3.299				8	-502.05	1020.308
	14.989	-3.592	2.117	13	-496.911	1020.353
-6.844	-1.211	-2.661	-0.531	13	-496.917	1020.364
-3.3	1.297	-0.442	0.622	11	-498.992	1020.367
-3.412	0.86	-0.463	0.586	11	-499.043	1020.47
-3.415	0.883	-0.44	0.588	11	-499.043	1020.47
-2.186	12.371	-4.361	1.33	12	-498.047	1020.548
-4.232		-0.042	0.31	9	-501.144	1020.549
-3.785	7.184	-3.712	0.668	14	-495.969	1020.55
-3.541	0.454	-1.477	0.098	12	-498.053	1020.56
-7.185	-1.551	-2.423	-0.774	12	-498.063	1020.58
-5.053		-0.503	0.074	10	-500.185	1020.69
-1.511			0.383	9	-501.23	1020.721
-4.019	-2.59			11	-499.175	1020.734
-5.129		-1.602	-0.399	11	-499.245	1020.874
-4.025		-0.376	0.468	11	-499.283	1020.95
-3.707				7	-503.411	1020.984
-2.411	1.122		0.671	11	-499.309	1021.002
-4.183	7.641	-4.278	0.484	13	-497.237	1021.005
-2.276	1.152		0.688	11	-499.316	1021.015
-2.257	1.184		0.689	11	-499.316	1021.015
	3.467		0.998	10	-500.39	1021.1
-3.271			0.532	11	-499.369	1021.122
-3.483			0.408	10	-500.414	1021.147
-5.435	-1.503		0.196	10	-500.445	1021.208
-2.66	1.326		0.709	11	-499.418	1021.22
-2.943			0.295	10	-500.465	1021.249
-4.698	-2.235			10	-500.467	1021.254
-2.843	0.883		0.659	11	-499.461	1021.306
	13.283	-3.817	1.54	11	-499.472	1021.327
-2.439	1.189		0.651	11	-499.477	1021.338
-5.125	-1.219	-0.598		11	-499.484	1021.352
-7.273	0.842	-3.497	-0.587	12	-498.462	1021.379
-3.521		-0.497	0.492	11	-499.522	1021.427
-6.653	-2.645	-2.086	-0.669	13	-497.452	1021.434
-4.936		-0.768	0.362	11	-499.573	1021.53

-4.093			0.253	10	-500.606	1021.532
-7.772	-3.349	-2.335	-0.886	13	-497.501	1021.533
-3.359			0.493	11	-499.613	1021.609
-3.878	0.053		0.251	10	-500.647	1021.613
-3.525			0.234	10	-500.653	1021.625
-2.146		-0.259	0.427	9	-501.692	1021.645
-4.335		-0.844	-0.103	11	-499.635	1021.653
-4.427	-0.21	-0.705		11	-499.649	1021.681
-6.115	-3.003			10	-500.723	1021.765
-2.043			0.563	11	-499.712	1021.808
-7.618		-3.506	-0.686	12	-498.681	1021.815
-4.236		-0.668		11	-499.72	1021.824
-6.547	-2.534	-0.232		10	-500.765	1021.85
-5.305		-0.447		8	-502.845	1021.897
-4.811			0.318	10	-500.796	1021.912
-2.366			0.46	10	-500.799	1021.917
-8.531	-2.505	-3.021	-1.05	11	-499.77	1021.924
-4.704		0.043	0.322	10	-500.818	1021.955
-6.112	-2.695			10	-500.893	1022.105
-2.772				9	-501.937	1022.135
-4.621	0.126		0.321	10	-500.926	1022.171
-3.706		-0.208	0.351	10	-500.926	1022.171
-4.474	0.19	0.038	0.335	10	-500.929	1022.178
-4.805		-0.067	0.294	10	-500.935	1022.19
-3.755				9	-501.966	1022.194
-3.006	-0.114			9	-501.974	1022.209
	4.525		1.296	11	-499.938	1022.26
-3.943	1.373	-0.671	0.569	12	-498.925	1022.305
-2.655	1.941	-0.488	0.721	12	-498.929	1022.312
-3.292				9	-502.05	1022.36
	4.265	-0.408	1.086	11	-500.006	1022.396
-4.354				8	-503.147	1022.503
-4.351	-2.008	-0.278		12	-499.035	1022.525
-3.48	0.845	-0.463	0.579	12	-499.042	1022.538
-4.681				8	-503.177	1022.562
-4.382				8	-503.183	1022.574
-5.942		-2.016	-0.535	12	-499.065	1022.583
-6.844		-2.637	-0.744	11	-500.138	1022.66
-5.09		-1.606		10	-501.174	1022.668
	1.815		0.946	10	-501.188	1022.695
-3.414			0.214	11	-500.171	1022.726
-4.012	-2.603		-0.002	12	-499.175	1022.804
-4.013	-2.593			12	-499.175	1022.804
-4.681	-1.491		0.14	11	-500.225	1022.834
	1.853	0.774	0.891	10	-501.266	1022.851
-2.845			0.466	12	-499.252	1022.959
-5.662	-1.85		0.184	11	-500.294	1022.972
	3.341		1.012	11	-500.299	1022.982

-3.857	0.06			8	-503.394	1022.996
-3.964		-0.341	0.477	12	-499.281	1023.016
-2.62	0.84		0.637	12	-499.303	1023.059
-2.389	1.108		0.665	12	-499.309	1023.072
-2.723				10	-501.382	1023.084
-2.287	1.181		0.692	12	-499.315	1023.085
-3.197			0.362	11	-500.367	1023.117
-4.202	-0.925			8	-503.475	1023.159
	14.183	-3.925	1.696	12	-499.377	1023.208
-6.182		-0.471		9	-502.474	1023.209
-2.142	2.006		0.841	12	-499.381	1023.217
		0.831	0.789	10	-501.464	1023.247
-4.874	-2.223			11	-500.435	1023.254
-5.52	-1.525	-0.028	0.189	11	-500.442	1023.267
-3.372	0.31		0.247	11	-500.509	1023.402
-5.358	1.352	-1.884		11	-500.568	1023.519
-3.205				10	-501.62	1023.56
-6.804	-0.777	-0.693		10	-501.622	1023.564
	0.907		0.802	9	-502.66	1023.581
-5.722		-0.406		9	-502.716	1023.692
-3.816		0.387	0.413	11	-500.664	1023.713
-6.089		-1.465		9	-502.728	1023.717
-8.054	-1.716	-2.937	-0.961	12	-499.643	1023.74
-3.58	-0.236			10	-501.725	1023.769
-6.29	-3.012			11	-500.702	1023.787
-6.288	-2.866	-0.084		11	-500.713	1023.81
-6.536	-2.488	-0.294		11	-500.752	1023.888
	6.163		1.603	12	-499.722	1023.899
	1.81	0.398	0.932	11	-500.767	1023.917
-5.767	-1.305	-0.493		9	-502.835	1023.931
-5.333	0.013	-0.445		9	-502.844	1023.948
-5.317		-0.44		9	-502.844	1023.95
-4.272	-0.447			9	-502.847	1023.955
-8.578	-2.526	-3.075	-1.044	12	-499.758	1023.969
-3.65				10	-501.928	1024.176
-2.759	0.034			10	-501.935	1024.189
-4.653	0.128	-0.005	0.32	11	-500.926	1024.235
-6.095		-0.753		9	-503.015	1024.291
	4.532	-0.136	1.253	12	-499.923	1024.299
-3.899				8	-504.051	1024.311
-4.199	-0.895		0.143	9	-503.059	1024.379
-6.413		-1.667		10	-502.041	1024.401
-4.78				9	-503.075	1024.412
-6.714		-1.015		10	-502.053	1024.425
-3.928			0.219	9	-503.092	1024.445
-4.828		-0.844		10	-502.084	1024.487
-4.78				9	-503.113	1024.487
	1.631		0.832	11	-501.052	1024.489

	1.339		0.549	10	-502.109	1024.536
-5.104		-1.251		9	-503.144	1024.548
-4.378				9	-503.146	1024.552
-4.653	-0.076			9	-503.155	1024.571
	1.16	0.801	0.877	11	-501.096	1024.575
-4.302	-2	0.521	0.3	12	-500.073	1024.6
-6.626		-0.707		10	-502.174	1024.668
-1.393				8	-504.236	1024.681
-5.131		-1.576		11	-501.17	1024.724
-1.627				7	-505.29	1024.742
-3.038				11	-501.218	1024.819
-7.029	-0.712	-1.136		11	-501.218	1024.82
-4.771	-1.038			9	-503.285	1024.832
-3.591	-0.832			9	-503.29	1024.84
	2.056	0.977	1.005	11	-501.23	1024.845
			0.464	10	-502.264	1024.847
-4.419	-3.452		-0.157	13	-499.169	1024.869
-2.754			0.317	9	-503.334	1024.93
-4.451	-1.549			9	-503.346	1024.953
-5.524	-0.694	-1.341		10	-502.344	1025.006
-4.868	-1.198	-0.563		10	-502.348	1025.014
-5.16		-1.055	0.161	10	-502.375	1025.069
		1.568	0.716	10	-502.393	1025.105
		0.997	0.799	11	-501.391	1025.167
			0.54	8	-504.528	1025.263
	0.849	0.249	0.792	10	-502.483	1025.286
		0.833	0.79	11	-501.464	1025.311
-2.734		-0.682		8	-504.587	1025.382
-7.231		-1.411		11	-501.521	1025.426
-6.403		-1.281		10	-502.572	1025.464
		0.895	0.539	8	-504.634	1025.477
				7	-505.677	1025.517
-3.199	0.009			11	-501.62	1025.624
-5.665		-0.534		10	-502.656	1025.632
	0.916		0.806	10	-502.66	1025.639
-6.45	0.473	-1.614		10	-502.66	1025.64
-4.911	-0.544			10	-502.662	1025.644
-3.18				9	-503.752	1025.765
-4.587	-1.262	-0.84		9	-503.759	1025.779
	2.09	0.664	1.096	12	-500.687	1025.828
-6.146	-3.282	0.167		12	-500.695	1025.844
-5.961	-0.942	-0.599		10	-502.794	1025.907
-5.754	-1.312	-0.585		10	-502.809	1025.937
-2.79	-0.739		0.258	9	-503.857	1025.976
-5.575	-1.259	-0.439	0.022	10	-502.832	1025.983
-2.23				8	-504.894	1025.997
-5.237		-0.465	0.125	10	-502.842	1026.003
-5.33	0.011	-0.446		10	-502.844	1026.007

-2.648	-0.897			8	-504.928	1026.064
			0.472	9	-503.928	1026.117
-4.316				9	-503.934	1026.128
			0.64	9	-503.973	1026.208
-4.381				7	-506.041	1026.244
-2.499				7	-506.071	1026.305
-2.566				8	-505.057	1026.322
-3.894	-0.859		0.122	10	-503.008	1026.335
-3.605			0.252	10	-503.035	1026.389
-4.094	-0.552		0.173	10	-503.04	1026.4
-4.028	-0.926			10	-503.043	1026.405
-5.476	1.179	-1.185	0.237	11	-502.022	1026.428
			0.164	8	-505.112	1026.433
-4.227	-0.916		0.136	10	-503.058	1026.435
-6.588	0.216	-1.736		11	-502.028	1026.439
-0.26				8	-505.116	1026.44
-3.617			0.196	10	-503.063	1026.445
		0.435	0.544	9	-504.097	1026.454
-4.716				10	-503.074	1026.468
	0.886		0.535	11	-502.044	1026.473
-4.15	-1.23	-0.993		10	-503.1	1026.519
-1.202				9	-504.132	1026.525
	1.317	1.047	1.007	12	-501.042	1026.538
-4.84	-0.149	-0.817		11	-502.079	1026.542
-1.854				8	-505.168	1026.544
		1.096	0.512	8	-505.17	1026.548
			0.275	9	-504.178	1026.617
-2.693	0.862		0.382	10	-503.15	1026.62
	-1.405	1.784	0.674	11	-502.119	1026.621
			0.522	11	-502.126	1026.635
-4.969	-1.639			10	-503.165	1026.65
				8	-505.226	1026.66
	1.376	0.78	1.087	11	-502.139	1026.662
-1.303	-0.095			9	-504.205	1026.671
-3.865	-1.352			10	-503.194	1026.707
		0.659	0.402	8	-505.262	1026.732
-1.416				9	-504.236	1026.733
-1.394				9	-504.236	1026.734
-1.689	0.068			8	-505.277	1026.762
-1.755				7	-506.345	1026.852
	1.342	1.209	0.701	10	-503.273	1026.865
-3.205		-0.757		9	-504.321	1026.904
-4.892	-1.224	-0.73		11	-502.262	1026.908
	0.373			8	-505.362	1026.932
-2.925			0.349	8	-505.363	1026.935
-2.91			0.335	10	-503.313	1026.946
			0.71	10	-503.318	1026.955
-5.405		-0.976	0.145	11	-502.32	1027.024

				7	-506.454	1027.069
		1.791	0.807	11	-502.363	1027.109
	0.26	1.029	0.617	9	-504.424	1027.109
		0.743	0.512	9	-504.438	1027.137
-3.558				8	-505.479	1027.166
			0.557	9	-504.477	1027.215
		1.114	0.844	12	-501.382	1027.219
		0.442	0.653	10	-503.453	1027.224
-3	0.186	-0.739		9	-504.494	1027.249
				8	-505.528	1027.265
	-0.425	0.689	0.26	7	-506.557	1027.276
-4.439			0.184	8	-505.555	1027.318
		0.999	0.582	9	-504.531	1027.322
	4.02		0.739	9	-504.547	1027.356
				8	-505.574	1027.356
-3.966	-1.04	-0.542	0.149	10	-503.522	1027.364
-2.782	-0.565			9	-504.553	1027.366
-2.409	-0.519			9	-504.555	1027.371
-3.534				10	-503.532	1027.383
-1.895	-0.316			8	-505.6	1027.409
				8	-505.63	1027.469
	1.976		0.846	9	-504.61	1027.48
		0.91	0.547	9	-504.63	1027.52
		0.055		8	-505.659	1027.525
-6.423	-0.063	-1.267		11	-502.571	1027.527
		0.716	0.397	8	-505.66	1027.528
	0.49		0.19	9	-504.638	1027.537
		0.655	0.387	8	-505.699	1027.606
-2	-1.256			9	-504.676	1027.612
-0.231			0.148	9	-504.694	1027.648
-1.862				8	-505.736	1027.681
-1.805				8	-505.739	1027.687
	-0.345	0.695		6	-507.786	1027.693
-2.918		0.545	0.311	9	-504.723	1027.707
-0.678				8	-505.77	1027.748
		0.739	0.267	7	-506.794	1027.749
			0.556	10	-503.727	1027.774
-2.577				9	-504.771	1027.803
-0.672				7	-506.823	1027.808
-2.323				9	-504.779	1027.819
		0.889	0.481	9	-504.781	1027.824
-3.121				8	-505.808	1027.824
			0.148	9	-504.783	1027.826
		0.288	0.249	9	-504.783	1027.826
-6.039	-1.749	-1.82	-0.974	11	-502.735	1027.854
			0.401	10	-503.77	1027.86
-1.683			0.187	8	-505.83	1027.867
	1.965	0.742	0.611	9	-504.804	1027.869

-5.607	-0.692	-0.507	0.06	11	-502.768	1027.921
-3.747		0.222		8	-505.861	1027.93
		0.733	0.384	8	-505.865	1027.939
-2.378	-0.867			9	-504.855	1027.971
-5.481	-1.241	-0.518	0.039	11	-502.798	1027.981
-0.404		-0.274		9	-504.867	1027.995
			0.353	7	-506.921	1028.004
-2.901	-0.744		0.271	10	-503.847	1028.013
-2.552				6	-507.952	1028.026
		0.598	0.261	6	-507.962	1028.046
			0.197	8	-505.919	1028.046
-1.421	2.697		0.401	8	-505.922	1028.052
-0.976				7	-506.957	1028.075
-2.63	-0.666			9	-504.908	1028.076
-2.198				9	-504.912	1028.085
-1.572	-0.99			10	-503.891	1028.101
-1.07				7	-506.971	1028.104
		0.155	0.489	10	-503.895	1028.11
			0.174	9	-504.925	1028.111
-2.767				7	-506.98	1028.121
	0.931	1.733	1.001	10	-503.904	1028.128
-1.699				9	-504.941	1028.143
-8.363	-5.35	-1.694	-1.271	12	-501.854	1028.163
-4.13				8	-505.98	1028.168
-2.501			0.072	8	-505.988	1028.184
		1.17	0.477	7	-507.018	1028.197
		0.744		6	-508.052	1028.226
		0.899		5	-509.075	1028.235
		0.624	0.342	8	-506.014	1028.236
	0.482	0.671	0.454	9	-504.988	1028.237
-4.725	-1.509	-1.519	-0.207	11	-502.934	1028.252
				9	-505.012	1028.285
0.555		1.219	0.468	7	-507.066	1028.294
		0.588		5	-509.104	1028.295
	1.461	0.853	0.568	9	-505.024	1028.309
-0.505				8	-506.051	1028.31
-4.281	-1.42			11	-502.965	1028.314
		1.036	0.412	7	-507.084	1028.33
-3.118	-1.034	-0.639		10	-504.006	1028.332
-1.34				7	-507.085	1028.332
-0.885	2.788		0.533	9	-505.043	1028.347
-2.492		0.003		8	-506.071	1028.351
-3.948	-0.892		0.084	11	-502.984	1028.352
		0.389	0.319	8	-506.072	1028.352
				8	-506.072	1028.352
-3.676			0.287	9	-505.051	1028.364
		1.147	0.555	9	-505.054	1028.368
0.35		0.97	0.427	8	-506.082	1028.372

-3.796	-0.612		0.144	11	-502.999	1028.382
	-0.442	0.688	0.33	8	-506.103	1028.415
			0.158	9	-505.078	1028.418
-6.072	-4.72		-0.607	11	-503.019	1028.422
-0.221	0.145			9	-505.087	1028.435
-3.826	-0.279		0.218	11	-503.03	1028.444
-3.5			0.24	11	-503.031	1028.446
-0.776				7	-507.142	1028.447
-1.377				8	-506.121	1028.451
		0.865	0.433	9	-505.102	1028.464
-0.213				9	-505.107	1028.476
		0.414	0.553	10	-504.086	1028.49
		0.242	0.345	10	-504.091	1028.502
	-0.456	0.652	0.318	8	-506.162	1028.533
			0.673	9	-505.144	1028.548
-1.227		0.047		10	-504.126	1028.572
		1.045	0.501	9	-505.158	1028.577
-1.179	0.049			10	-504.129	1028.577
-1.214			-0.008	10	-504.131	1028.582
-1.187				10	-504.132	1028.583
	-0.264			8	-506.188	1028.585
0.28	-0.314	0.897	0.384	8	-506.193	1028.594
-2.992	0.945		0.423	11	-503.108	1028.6
	-0.004	1.093	0.511	9	-505.17	1028.601
-1.629	-0.269			10	-504.143	1028.606
		1.498	0.399	7	-507.231	1028.623
				9	-505.182	1028.624
	2.249		0.423	10	-504.172	1028.663
		-0.348		8	-506.228	1028.663
	-1.375	1.945	0.74	12	-502.107	1028.668
		-0.052		9	-505.212	1028.685
0.194				8	-506.24	1028.689
-1.483	-1.458			7	-507.266	1028.694
	-0.047			9	-505.224	1028.709
-2.343		0.273	0.386	9	-505.237	1028.734
	3.36		0.59	10	-504.212	1028.743
-0.855				6	-508.311	1028.744
-1.119				7	-507.293	1028.748
-0.881			0.232	8	-506.27	1028.749
0.086		0.719	0.42	9	-505.245	1028.752
	-0.497	0.691	0.307	8	-506.274	1028.757
		0.651	0.4	9	-505.249	1028.76
-3.756			0.125	9	-505.252	1028.766
-1.972				8	-506.28	1028.768
		1.496	0.806	10	-504.227	1028.774
0.397		1.303	0.589	8	-506.285	1028.778
-0.826				8	-506.286	1028.781
-3.137	-0.702		-0.156	10	-504.231	1028.782

	1.155	0.962	0.666	10	-504.233	1028.785
-1.431				10	-504.235	1028.79
-2.105	-0.627	0.811		8	-506.309	1028.825
		-0.348		9	-505.298	1028.857
-0.81	-0.791			7	-507.351	1028.863
-1.86		-0.075		8	-506.333	1028.874
-1.761	0.133			8	-506.34	1028.888
-1.228	2.158		0.433	9	-505.32	1028.9
-2.873		0.687		8	-506.349	1028.906
	1.308	1.164	0.68	11	-503.271	1028.925
-1.723	1.578		0.326	9	-505.334	1028.929
-0.628	2.426		0.406	10	-504.307	1028.933
	-0.483	0.643	0.284	8	-506.364	1028.937
-0.665			0.25	8	-506.366	1028.94
-3.063			0.367	9	-505.345	1028.952
	0.331			9	-505.348	1028.957
	0.384	-0.023		9	-505.359	1028.978
	0.366			9	-505.361	1028.984
			0.203	9	-505.364	1028.989
	-0.671	0.345		6	-508.446	1029.013
-0.647			0.153	9	-505.377	1029.016
		0.521		6	-508.453	1029.028
				9	-505.384	1029.028
-0.98			0.205	8	-506.416	1029.041
	2.575	0.563	0.654	10	-504.375	1029.069
-0.894	0.855			8	-506.434	1029.077
-0.767				7	-507.463	1029.088
	1.815	0.819	0.61	10	-504.384	1029.088
0.669		1.211	0.476	8	-506.449	1029.107
	3.386	0.291	0.7	10	-504.397	1029.114
-0.91	1.915		0.312	10	-504.398	1029.116
-0.994		-0.387		9	-505.428	1029.118
0.712	4.776		0.889	10	-504.4	1029.12
-0.675	-0.769			7	-507.485	1029.131
-1.119	1.998		0.294	9	-505.44	1029.14
-0.456				7	-507.492	1029.146
0.29			0.222	9	-505.447	1029.155
-1.135		0.642	0.314	8	-506.473	1029.155
-1.585	2.05	-0.813		10	-504.418	1029.155
	0.838	1.104	0.547	10	-504.426	1029.171
	0.466	0.247	0.269	10	-504.426	1029.172
	-0.341	0.802	0.327	8	-506.482	1029.172
-2.356	-1.055			10	-504.429	1029.177
-2.171	-0.406	-0.208		9	-505.459	1029.178
		-0.158		9	-505.467	1029.196
		0.859	0.377	7	-507.517	1029.196
-3.451		0.057		9	-505.468	1029.197
-1.806	-1.101			8	-506.499	1029.206

-2.231	-0.952			9	-505.477	1029.215
-3.571				9	-505.479	1029.218
	4.215		0.749	10	-504.453	1029.225
		0.616	0.713	11	-503.422	1029.229
0.666	1.129	1.155	0.655	10	-504.463	1029.246
				6	-508.57	1029.262
-1.934				8	-506.532	1029.273
		0.909	0.38	8	-506.533	1029.275
0.381		0.74	0.443	9	-505.509	1029.279
				9	-505.509	1029.279
-1.034		-0.33		8	-506.537	1029.282
	-0.474	0.561		7	-507.56	1029.282
-1.376	2.008		0.377	9	-505.515	1029.292
		1.347	0.492	10	-504.486	1029.292
-3.025	-1.068			10	-504.486	1029.292
	1.627	0.624	0.493	9	-505.52	1029.3
-1.814		0.336		7	-507.57	1029.302
-1.325	2.484	-1.048		10	-504.494	1029.308
	-0.488	0.684	0.258	8	-506.553	1029.315
			0.157	10	-504.502	1029.324
-0.568	-0.88			8	-506.559	1029.327
	0.994	0.837	0.499	9	-505.54	1029.34
-2.09		-0.267		9	-505.54	1029.34
-1.869				9	-505.544	1029.348
-2.085			-0.106	9	-505.55	1029.361
-3.744	-2.873	0.946		10	-504.521	1029.362
	0.209			9	-505.551	1029.364
-2.553			0.169	7	-507.601	1029.365
-0.95				8	-506.579	1029.365
-2.735	-0.545	0.11		10	-504.525	1029.37
-2.087		0.896	0.264	9	-505.555	1029.371
		0.463		7	-507.605	1029.373
-3.412				7	-507.607	1029.375
		0.676		7	-507.607	1029.376
-0.458			0.175	9	-505.562	1029.386
		0.923	0.181	6	-508.634	1029.389
-0.138	0.344		0.176	10	-504.537	1029.393
-1.916	-0.303		0.04	9	-505.569	1029.399
		-0.028		9	-505.57	1029.401
-0.793	-1.012			7	-507.625	1029.411
		0.945	0.411	8	-506.615	1029.438
-0.393	2.482	0.455	0.587	10	-504.565	1029.45
-1.203	1.263			7	-507.649	1029.459
	-0.506	0.479		5	-509.696	1029.479
0.618		1.267	0.481	8	-506.638	1029.484
-0.192		0.581	0.361	9	-505.614	1029.489
-0.755	0.597			9	-505.616	1029.493
	0.577		0.2	10	-504.589	1029.497

-2.05		0.753		8	-506.646	1029.5
-2.925		0.301		9	-505.621	1029.502
	1.801	0.82	0.527	8	-506.647	1029.503
	1.688		0.834	10	-504.593	1029.504
-0.35				8	-506.649	1029.506
		0.562	0.375	9	-505.624	1029.509
-0.647			0.27	8	-506.658	1029.524
	3.946		0.671	9	-505.635	1029.53
		1.419	0.422	8	-506.661	1029.531
		0.813	0.409	9	-505.635	1029.531
		0.554	0.347	10	-504.606	1029.532
-0.598				7	-507.687	1029.535
-1.823		0.214		9	-505.639	1029.539
-2.174				8	-506.671	1029.55
	0.438		0.194	10	-504.616	1029.55
		0.672	0.378	9	-505.647	1029.555
	-0.66	0.669		7	-507.701	1029.565
-0.639			0.086	8	-506.68	1029.569
-1.858			0.064	9	-505.655	1029.572
-0.103	-0.4	0.616		7	-507.709	1029.579
	0.606		0.2	10	-504.631	1029.581
		0.583	0.357	9	-505.672	1029.604
-2.532	-1.193		-0.248	9	-505.673	1029.608
		1.784	0.699	8	-506.7	1029.608
-1.237		0.304	0.255	9	-505.681	1029.624
	-0.374	0.67		7	-507.739	1029.64
		0.199	0.214	10	-504.661	1029.642
-1.795	0.348			9	-505.692	1029.644
-1.649	-1.058			9	-505.692	1029.646
-0.062		0.604	0.373	9	-505.693	1029.646
	-0.351	0.682		7	-507.744	1029.65
-0.796				8	-506.721	1029.65
-1.671	1.339	-0.58		9	-505.697	1029.655
-0.569	2.034	0.522	0.53	10	-504.672	1029.663
	-0.345	0.695		7	-507.751	1029.664
-0.452	-0.859			8	-506.736	1029.68
	-0.24		0.174	9	-505.711	1029.682
-2.89		0.683	0.373	10	-504.683	1029.685
-0.198			0.148	10	-504.688	1029.695
	-0.361	0.696		7	-507.769	1029.7
-0.207		0.039	0.161	10	-504.692	1029.703
-2.714			-0.07	10	-504.692	1029.703
-0.351				7	-507.771	1029.705
-0.767		-0.402		9	-505.73	1029.72
		0.56	0.208	7	-507.781	1029.725
-2.941		0.468	0.322	10	-504.705	1029.729
-1.849	-0.818	0.52		9	-505.739	1029.739
-1.448			0.159	9	-505.742	1029.745

		0.95		6	-508.814	1029.75
-1.252			0.149	8	-506.776	1029.761
			0.415	8	-506.786	1029.78
-1.419	2.256		0.372	9	-505.762	1029.785
	-0.973			10	-504.736	1029.791
				6	-508.842	1029.805
		0.845	0.358	8	-506.801	1029.811
-1.479	2.218		0.361	9	-505.795	1029.85
-2.584		0.014		10	-504.77	1029.86
-3.026			0.028	9	-505.801	1029.862
		0.356	0.264	10	-504.775	1029.868
-1.806			0.18	9	-505.807	1029.876
-2.235	-0.161			7	-507.858	1029.878
	-0.346	0.664		6	-508.88	1029.881
			0.149	10	-504.782	1029.884
		0.681		7	-507.861	1029.884
	-0.408	0.633		6	-508.882	1029.885
		1.181	0.457	8	-506.84	1029.889
-1.84	-0.951			8	-506.84	1029.889
	0.237	0.653	0.267	7	-507.865	1029.892
				7	-507.867	1029.895
-0.147		0.521		6	-508.894	1029.91
0.146		0.967		6	-508.897	1029.916
		0.707		7	-507.877	1029.917
	2.017	0.776	0.631	10	-504.801	1029.921
-0.09			0.316	8	-506.857	1029.922
		-0.004	0.4	11	-503.77	1029.924
-1.096	2.578	0.216	0.438	9	-505.833	1029.926
-0.281				7	-507.891	1029.945
-3.71		0.295		9	-505.844	1029.949
-2.325	-0.541			10	-504.815	1029.95
			0.322	8	-506.871	1029.95
-0.16		0.625	0.355	9	-505.845	1029.951
-2.485				8	-506.874	1029.957
		0.734		7	-507.899	1029.961
	0.109		0.347	8	-506.878	1029.964
		-0.308		9	-505.853	1029.966
0.663		1.29	0.479	8	-506.879	1029.967
		0.577	0.283	7	-507.908	1029.978
		0.763	0.391	9	-505.859	1029.978
		1.19	0.383	8	-506.887	1029.982
		0.754	0.395	9	-505.862	1029.984
		1.097	0.469	8	-506.889	1029.987
		0.723	0.342	8	-506.891	1029.99
	0.453	1.65	0.778	10	-504.836	1029.991
-1.182	0.501			8	-506.892	1029.993
	-0.472	0.959	0.357	8	-506.895	1029.998
	3.687		0.765	10	-504.841	1030.001

	-0.805			5	-509.958	1030.001
-0.536		-0.325		10	-504.841	1030.002
		1.249	0.424	8	-506.897	1030.002
-0.768		0.867	0.352	10	-504.842	1030.003
-2.847	-0.387	0.654		9	-505.872	1030.005
			0.339	8	-506.901	1030.01
0.686		1.28	0.481	8	-506.903	1030.015
		1.545	0.473	8	-506.903	1030.015
		0.632	0.252	7	-507.93	1030.023
-0.818		0.145		8	-506.908	1030.025
-0.372	0.099	-0.265		10	-504.853	1030.025
		0.657		6	-508.955	1030.031
				10	-504.856	1030.032
-2.389				7	-507.936	1030.033
-0.543	-0.845			7	-507.939	1030.039
-1.038	0.336			8	-506.919	1030.047
		0.671		6	-508.963	1030.047
	-0.202	1.227	0.368	8	-506.921	1030.05
			0.353	8	-506.921	1030.05
		1.17	0.502	8	-506.921	1030.051
-1.037			0.164	8	-506.922	1030.052
		1.485	0.562	9	-505.897	1030.054
0.044		0.617	0.28	7	-507.947	1030.055
	-0.433	0.588		6	-508.968	1030.057
-1.974		0.24	0.148	9	-505.898	1030.057
	1.459	1.641	1.007	11	-503.837	1030.058
1.311	1.127	1.105	0.713	10	-504.871	1030.061
		0.616	0.253	7	-507.95	1030.062
0.586		1.222	0.412	7	-507.951	1030.064
	-0.326	0.956	0.383	9	-505.901	1030.064
-1.702	0.405			10	-504.878	1030.075
		0.742		7	-507.957	1030.076
-1.021				8	-506.935	1030.078
		0.602	0.258	7	-507.961	1030.085
		0.633		6	-508.984	1030.088
-0.268				7	-507.967	1030.096
		-0.428		10	-504.89	1030.099
		0.011	0.199	9	-505.919	1030.099
-1.962	-0.694	0.628		9	-505.926	1030.113
	-0.219	0.486	0.325	9	-505.928	1030.117
-0.962		0.089		8	-506.954	1030.117
-3.005		-0.109		8	-506.958	1030.124
-1.43	0.6			8	-506.962	1030.132
-0.541	0.521			9	-505.937	1030.135
-0.42	-0.742			5	-510.025	1030.137
				8	-506.965	1030.139
		0.682		7	-507.989	1030.14
-1.124				8	-506.966	1030.141

		0.899		6	-509.012	1030.146
-1.483	-1.002			11	-503.885	1030.154
0.167		0.775	0.391	9	-505.949	1030.159
-0.798			0.148	9	-505.95	1030.16
0.33		1.073	0.494	9	-505.952	1030.165
		1.162	0.491	8	-506.981	1030.17
-1.679		-0.093		10	-504.926	1030.172
		0.881		6	-509.026	1030.172
		0.883		5	-510.046	1030.178
	2.41		0.633	9	-505.96	1030.181
-1.592			0.03	10	-504.934	1030.187
-1.173	-1.191	0.295		8	-506.993	1030.194
		0.906		6	-509.039	1030.199
		1.17	0.468	8	-506.995	1030.199
	-0.568	0.465	0.208	6	-509.04	1030.201
		1.542	0.695	10	-504.945	1030.209
		0.891		6	-509.047	1030.216
-1.589		-0.26		9	-505.981	1030.222
	1.013	0.976	0.568	10	-504.954	1030.227
0.857		1.173	0.562	10	-504.954	1030.228
-0.784			0.143	7	-508.033	1030.228
		1.178	0.483	8	-507.015	1030.238
		1.225		6	-509.061	1030.243
				8	-507.018	1030.244
-0.025		0.727		7	-508.047	1030.257
	0.161	0.625		6	-509.07	1030.262
-0.285				9	-506.002	1030.265
		0.57	0.321	9	-506.003	1030.266
-3.234	-0.456			8	-507.032	1030.272
		0.603		6	-509.077	1030.275
		0.092		10	-504.98	1030.28
0.47		1.328	0.58	9	-506.012	1030.285
	1.618	0.951	0.625	10	-504.996	1030.312
0.518		1.275	0.562	9	-506.03	1030.321
	-0.224	-0.277		9	-506.032	1030.325
		1.375	0.392	8	-507.06	1030.328
	0.291			9	-506.034	1030.328
-2.289		0.612	0.517	10	-505.011	1030.341
-4.92	-2.582		-0.212	12	-502.947	1030.349
-1.244		0.081		8	-507.071	1030.35
-4.656		-1.575	-0.722	11	-503.985	1030.354
	0.052	1.079	0.426	8	-507.075	1030.358
	0.378	-0.451		10	-505.025	1030.37
-3.573			0.25	10	-505.025	1030.37
		1.062	0.418	8	-507.081	1030.371
		1.031	0.408	8	-507.082	1030.372
-1.528	-0.498	0.982	0.171	9	-506.057	1030.375
-0.634		0.158		8	-507.09	1030.389

		0.935		6	-509.137	1030.395
-0.937	2.78		0.524	10	-505.04	1030.399
0.387	0.132	1.009	0.446	9	-506.072	1030.404
0.161		-0.285		9	-506.075	1030.41
-1.271	0.728			8	-507.102	1030.412
	6.474		1.393	11	-504.016	1030.415
-0.263	-0.607	0.333		6	-509.152	1030.425
	-0.419	0.648	0.206	7	-508.133	1030.427
-1.344	0.308			9	-506.088	1030.436
-0.81	0.297			8	-507.114	1030.437
-0.738	-0.808		0.139	8	-507.117	1030.442
-1.961		0.482		9	-506.093	1030.447
0.296	-0.214	1.036	0.466	9	-506.096	1030.453
-0.397		1.525	0.355	8	-507.122	1030.453
0.068	-0.412	0.738	0.347	9	-506.097	1030.455
			0.233	9	-506.1	1030.461
-0.448		0.347		8	-507.127	1030.462
-0.539	-0.623	0.289		8	-507.128	1030.465
	-0.436	0.696	0.334	9	-506.103	1030.466
				7	-508.153	1030.468
-2.131				7	-508.154	1030.47
-0.276	0.27			10	-505.077	1030.474
-0.593	-1.056			8	-507.136	1030.48
				7	-508.159	1030.48
-1.359		0.966	0.228	9	-506.117	1030.496
		0.868		7	-508.167	1030.497
-1.442				9	-506.118	1030.498
0.136	-0.391	0.766	0.357	9	-506.13	1030.52
				6	-509.213	1030.547
-0.49			0.209	8	-507.171	1030.549
				7	-508.195	1030.552
0.499		1.356	0.589	9	-506.147	1030.555
-1.268	-1.399			8	-507.183	1030.574
	-0.392	0.551		6	-509.227	1030.576
-0.568	1.602		0.275	11	-504.096	1030.576
-1.747		0.707		9	-506.162	1030.584
			0.202	8	-507.188	1030.585
	-0.452	0.657	0.321	9	-506.162	1030.585
		0.439		7	-508.213	1030.587
-2.033	-1.34	0.952		9	-506.166	1030.594
0.517		1.345	0.59	9	-506.169	1030.599
-1.062		-0.237		9	-506.17	1030.601
	-0.678	0.362	0.109	7	-508.228	1030.617
-0.236	2.388		0.422	11	-504.119	1030.622
-1.37			0.188	9	-506.181	1030.623
	-2.43	0.598		11	-504.12	1030.624
-0.26	-0.811			6	-509.251	1030.624
-2.081	-0.849	0.739		9	-506.182	1030.624

	-0.269			10	-505.153	1030.624
-1.186		0.073		11	-504.121	1030.625
0.047	-0.217			9	-506.183	1030.628
-1.195	0.05	0.048		11	-504.122	1030.628
-0.595	-0.789		0.152	8	-507.21	1030.628
-1.204	0.144			11	-504.125	1030.634
-1.191		0.066	0.014	11	-504.125	1030.635
-1.182	0.044		-0.002	11	-504.129	1030.642
-0.924	0.495			9	-506.191	1030.644
		0.333		7	-508.241	1030.645
0.26	-0.329	0.882	0.38	9	-506.192	1030.645
0.269	-0.323	0.885	0.381	9	-506.192	1030.645
-1.224			-0.01	11	-504.131	1030.645
-0.798	-0.477			8	-507.225	1030.659
		0.848		6	-509.269	1030.66
		0.065		10	-505.172	1030.664
-2.78		0.654		9	-506.203	1030.668
	2.704		0.49	11	-504.142	1030.668
	2.3	0.141	0.471	11	-504.145	1030.673
	-0.494	0.784	0.334	9	-506.211	1030.683
		0.405		7	-508.262	1030.686
-0.344	-0.927			8	-507.242	1030.692
-1.416				8	-507.243	1030.694
-0.427	-0.597	0.307		8	-507.245	1030.699
0.774		1.334	0.416	7	-508.269	1030.699
-1.391	-1.398			8	-507.249	1030.707
		0.375		7	-508.274	1030.71
		1.65	0.683	9	-506.225	1030.711
	3.608	-0.27	0.546	11	-504.164	1030.713
-2.291		-0.168		9	-506.226	1030.713
	-0.478	0.61	0.187	7	-508.276	1030.715
-2.111	-0.99			7	-508.278	1030.717
		0.954		7	-508.278	1030.718
-1.46	-1.456		0.028	8	-507.256	1030.72
	-0.752			10	-505.204	1030.728
	1.378	0.473	0.424	11	-504.176	1030.735
	-0.045	-0.049		10	-505.211	1030.741
-1.036		1.361		7	-508.293	1030.748
-0.54	0.675			8	-507.27	1030.748
-1.875	2.708	-1.036		10	-505.215	1030.749
		0.352		8	-507.274	1030.757
-0.799		0.048		7	-508.306	1030.775
-0.47	-0.725	0.347		8	-507.283	1030.775
	-0.454	0.742	0.335	9	-506.259	1030.779
	-0.358	0.424		7	-508.313	1030.788
-1.087		0.026		8	-507.292	1030.792
-1.884	2.309	-0.875		10	-505.236	1030.792
0.75		1.074	0.462	9	-506.266	1030.793

-0.736	1.664	0.423	0.445	10	-505.238	1030.795
-1.444	1.514		0.288	10	-505.24	1030.8
-0.874			0.234	9	-506.27	1030.8
	-0.563	0.449		8	-507.296	1030.801
0.078	3.471		0.613	11	-504.21	1030.803
-1.354	1.404	0.241	0.365	10	-505.242	1030.803
-1.978	0.144			9	-506.273	1030.807
	0.7	0.64	0.374	11	-504.213	1030.81
-0.943	2.586	-0.466	0.256	11	-504.216	1030.815
-2.775	-0.726	-0.758	-0.251	10	-505.249	1030.818
-3.14				8	-507.311	1030.831
		0.932	0.246	7	-508.335	1030.832
-1.145	1.688		0.299	10	-505.257	1030.834
-0.111	-0.692	0.302		7	-508.337	1030.835
-0.983		0.709	0.298	10	-505.258	1030.836
	-0.542	0.486		8	-507.322	1030.853
	-0.602	0.438		8	-507.324	1030.857
		0.423		8	-507.326	1030.86
-1.306	2.249		0.427	10	-505.272	1030.863
				7	-508.357	1030.876
-3.254	-1.911	0.465		11	-504.251	1030.887
-1.923	0.255	-0.114		9	-506.315	1030.891
	-0.66			7	-508.367	1030.896
	0.372			10	-505.29	1030.899
	-0.911			7	-508.37	1030.902
		-0.391		10	-505.293	1030.905
			0.254	8	-507.349	1030.906
		0.451	0.223	8	-507.35	1030.907
		0.818	0.324	11	-504.268	1030.919
	-0.591	0.427		7	-508.379	1030.919
	0.306	-0.133		10	-505.305	1030.93
-0.375	-0.985			7	-508.385	1030.931
-2.946	-1.614			8	-507.363	1030.935
-2.107		0.458		9	-506.339	1030.94
	-0.614	0.412		7	-508.391	1030.944
				7	-508.391	1030.945
-0.764			0.237	9	-506.354	1030.969
-1.339		0.748	0.338	9	-506.357	1030.975
	-0.452	0.683	0.303	9	-506.358	1030.977
-1.261	1.668	-0.694		11	-504.297	1030.978
	1.31	0.84	0.497	9	-506.36	1030.981
-1.767	1.556		0.322	10	-505.331	1030.981
-0.636				6	-509.431	1030.982
0.369		0.358	0.321	10	-505.333	1030.984
	-0.632	0.388		7	-508.412	1030.986
	-0.5	0.567	0.181	7	-508.416	1030.993
-0.303			0.136	9	-506.366	1030.994
0.592	4.164	0.223	0.834	11	-504.31	1031.005

				7	-508.422	1031.005
	-0.712	0.808	0.251	8	-507.399	1031.007
-1.01	0.7			9	-506.375	1031.01
-1.086				7	-508.425	1031.012
	-0.562	0.794		7	-508.428	1031.018
	1.021	0.94	0.501	9	-506.379	1031.02
		0.097	0.228	10	-505.353	1031.026
-0.931			0.108	9	-506.383	1031.027
	-0.642	0.364		7	-508.433	1031.028
	0.214			7	-508.434	1031.03
	0.365	-0.035		10	-505.356	1031.031
-1.262	2.025	-0.417	0.168	11	-504.328	1031.039
0.65	4.833		0.879	11	-504.331	1031.045
0.004			0.203	10	-505.364	1031.048
0.363	2.472	0.718	0.703	11	-504.332	1031.048
0.498	0.291		0.268	10	-505.365	1031.05
-0.736		-0.102	0.12	10	-505.372	1031.064
-0.012		0.518		7	-508.452	1031.066
-1.665		1.154		8	-507.43	1031.068
-1.23	0.144	0.726	0.345	9	-506.404	1031.069
-0.367		0.324		8	-507.431	1031.071
				8	-507.432	1031.072
		0.509		8	-507.432	1031.072
-1.352	1.898	-0.218	0.222	10	-505.381	1031.081
0.341	0.78	0.645	0.435	11	-504.349	1031.082
-3.173			0.126	8	-507.437	1031.083
-0.57		-0.143		8	-507.438	1031.084
-0.27	-0.575	0.415		8	-507.438	1031.085
-0.434			0.05	8	-507.441	1031.09
	-0.549	0.526		8	-507.444	1031.097
-2.367		0.603	0.174	10	-505.39	1031.099
-1.708	-0.873	0.362		10	-505.391	1031.1
	1.219	0.889	0.491	9	-506.421	1031.102
	-0.818	0.526		8	-507.449	1031.105
	-0.888			6	-509.495	1031.112
-0.915	-1.371			7	-508.476	1031.113
-0.917	0.812			9	-506.429	1031.118
		0.909	0.22	7	-508.478	1031.118
0.19	1.692	0.923	0.631	11	-504.369	1031.123
	2.476	0.598	0.649	11	-504.375	1031.133
	1.378	1.045	0.627	10	-505.415	1031.148
				8	-507.471	1031.15
-0.619	-0.663			8	-507.471	1031.151
	1.509	0.73	0.519	10	-505.418	1031.155
-1.139		-0.259		9	-506.448	1031.156
0.869		1.306	0.416	7	-508.497	1031.156
	-0.773			8	-507.474	1031.157
	-0.695	0.661		7	-508.501	1031.163

-4.78	-3.995	0.899	-0.195	11	-504.395	1031.173
	1.294	0.719	0.412	8	-507.484	1031.177
-0.324	-0.901			7	-508.508	1031.179
-0.666		0.444	0.252	9	-506.465	1031.191
	-0.799			8	-507.492	1031.193
-2.262	-0.707	-0.146		10	-505.439	1031.197
-1.122	1.991		0.294	10	-505.439	1031.198
-1.127	1.96		0.291	10	-505.44	1031.199
-2.424		-0.661	-0.164	10	-505.443	1031.205
0.259	0.98	1.152	0.594	11	-504.411	1031.206
-0.604				8	-507.5	1031.208
		0.836	0.366	8	-507.5	1031.208
-1.547	2.151	-0.86		11	-504.414	1031.212
	-0.86			6	-509.547	1031.216
		1.294	0.546	9	-506.478	1031.216
	-0.837			7	-508.529	1031.22
	-0.297	0.812	0.332	9	-506.481	1031.222
-3.384		0.129		10	-505.451	1031.222
	-1.229			11	-504.423	1031.23
		0.831	0.367	8	-507.511	1031.231
-0.735	-1.022		0.097	8	-507.512	1031.232
-0.548	-0.881		0.07	9	-506.489	1031.239
-0.02		0.847	0.374	8	-507.517	1031.242
	0.01	0.864	0.379	8	-507.517	1031.242
-2.009				9	-506.491	1031.243
0.324	0.795	0.924	0.425	8	-507.517	1031.243
		0.646		8	-507.517	1031.243
	5.656	-0.576	0.778	10	-505.463	1031.244
-1.865	0.457			10	-505.463	1031.244
-2.189	-0.185	0.832	0.213	10	-505.467	1031.253
-1.807	-1.122			9	-506.497	1031.255
		1.495	0.63	9	-506.5	1031.261
-2.131	-1.127		-0.154	10	-505.473	1031.265
-0.55				6	-509.572	1031.265
-2.266	-1.042		-0.018	10	-505.473	1031.266
0.695		0.866	0.492	10	-505.476	1031.271
				7	-508.556	1031.275
-0.541	-0.862			6	-509.581	1031.284
-0.787			0.112	9	-506.512	1031.285
		1.53	0.619	9	-506.513	1031.287
		0.729		7	-508.563	1031.288
-1.063		-0.305		9	-506.517	1031.294
0.112	1.558	0.723	0.519	10	-505.488	1031.295
-0.047	-0.486	0.538		8	-507.545	1031.297
-2.307	-0.124		0.158	8	-507.545	1031.298
-1.113	-0.52	0.84	0.238	10	-505.49	1031.3
			0.118	7	-508.569	1031.3
-2.044			-0.069	10	-505.492	1031.302

-1.92		0.371		8	-507.552	1031.312
0.224		0.997		6	-509.596	1031.314
-0.15	-0.855	0.545		8	-507.556	1031.319
-1.938	0.04			9	-506.532	1031.324
-1.75	-0.057	0.315		8	-507.56	1031.328
-1.048		-0.341	-0.005	9	-506.536	1031.334
-2.377		-0.297	-0.211	10	-505.511	1031.341
	-0.124	0.518		8	-507.566	1031.341
		0.521		8	-507.567	1031.343
	1.562	0.577	0.466	10	-505.512	1031.344
		0.438	0.198	8	-507.569	1031.346
		0.562		8	-507.569	1031.347
-1.512	1.465	-0.207		8	-507.57	1031.348
-0.087		0.376		8	-507.57	1031.349
		0.808		7	-508.594	1031.35
0.07		1.364	0.501	11	-504.486	1031.356
				7	-508.599	1031.361
		0.614		8	-507.578	1031.365
-2.364			0.169	8	-507.578	1031.365
-0.288	-0.891			7	-508.602	1031.367
-0.534	-0.85	0.045		9	-506.554	1031.369
-1.352	2.523	-1.056		11	-504.494	1031.371
	-5.926	3.179		10	-505.527	1031.374
	-0.177		0.144	11	-504.498	1031.38
-1.854		0.079		10	-505.531	1031.381
	-0.27	0.894		7	-508.612	1031.387
-2.197	-0.277		-0.139	10	-505.534	1031.387
		0.927	0.177	7	-508.613	1031.388
	1.619		0.318	9	-506.564	1031.389
-0.582	3.336		0.555	10	-505.535	1031.39
-1.912			0.094	9	-506.568	1031.398
-1.191				6	-509.638	1031.398
		1.113		7	-508.618	1031.399
		0.491		8	-507.596	1031.4
-2.086		0.87	0.252	10	-505.543	1031.405
	-0.855			6	-509.642	1031.406
-0.64	-0.89	0.623	0.229	9	-506.573	1031.407
-3.868	-1.864			9	-506.573	1031.407
-0.356	0.458			9	-506.577	1031.414
		0.915	0.175	7	-508.627	1031.415
	-0.023	0.676		8	-507.607	1031.421
	-0.344	0.806		7	-508.631	1031.425
-0.395		0.088	0.201	10	-505.559	1031.437
	-0.211	1.454	0.576	9	-506.595	1031.452
		0.97	0.426	9	-506.598	1031.456
-0.485				6	-509.669	1031.458
				7	-508.649	1031.461
	1.56	0.737	0.471	9	-506.605	1031.471

		0.425	0.191	8	-507.633	1031.474
		0.98	0.421	9	-506.607	1031.474
0.227		0.961		7	-508.657	1031.476
	1.137	0.658	0.378	8	-507.639	1031.487
-0.383	0.531			8	-507.639	1031.487
-2.07	-1.39			8	-507.643	1031.494
	-0.676			4	-511.722	1031.501
	-0.469	0.531	0.184	7	-508.674	1031.51
-0.716	-0.479			8	-507.651	1031.51
0.135		0.605	0.246	8	-507.651	1031.51
-0.938		1.326	0.285	9	-506.626	1031.513
				6	-509.7	1031.521
-2.18	0.285			9	-506.635	1031.531
-0.425	-0.861		0.085	9	-506.637	1031.535
-2.435	-2.04	0.519		9	-506.637	1031.535
-0.381		-0.062		9	-506.638	1031.538
-2.549	-1.071		-0.267	10	-505.614	1031.548
-0.661	-0.125		0.253	9	-506.644	1031.55
		0.586		8	-507.675	1031.558
-0.763			0.258	9	-506.649	1031.56
-0.672		1.623	0.428	9	-506.649	1031.56
	-0.381	0.578		8	-507.677	1031.562
	4.095		0.699	10	-505.626	1031.572
0.314		0.918	0.353	8	-507.682	1031.573
	0.758	-0.449		10	-505.628	1031.575
-0.604	0.105			8	-507.684	1031.576
	-0.786	0.656		8	-507.685	1031.579
0.093		1.406	0.432	9	-506.66	1031.581
		0.427	0.183	8	-507.687	1031.582
0.638		1.038	0.354	7	-508.713	1031.587
-0.26	-0.907			7	-508.713	1031.588
		0.788	0.402	10	-505.635	1031.589
-0.489		-0.427		10	-505.637	1031.593
		0.73		5	-510.753	1031.593
	-0.883			6	-509.736	1031.594
-1.825	-0.048	0.228		10	-505.639	1031.596
				7	-508.718	1031.597
		1.051		6	-509.74	1031.601
	-0.743	0.672		8	-507.699	1031.607
-0.325			0.06	8	-507.7	1031.609
-1.022	2.071	0.262	0.414	10	-505.645	1031.609
	-0.679	0.668		8	-507.701	1031.611
	-0.679	0.669		8	-507.701	1031.611
-0.515		0.391	0.254	9	-506.677	1031.615
-2.326	-1.065	0.184	-0.173	10	-505.653	1031.624
		0.867		5	-510.769	1031.625
-0.508	1.722		0.369	9	-506.685	1031.632
				8	-507.712	1031.632

	0.535			7	-508.735	1031.633
	-0.403	0.574		8	-507.712	1031.633
-1.069	1.997	0.283	0.405	10	-505.657	1031.633
			0.147	9	-506.693	1031.647
-1.018		0.374	0.278	10	-505.669	1031.657
-0.011		1.789	0.701	9	-506.7	1031.66
		0.931		7	-508.753	1031.667
	-0.71		0.228	8	-507.73	1031.668
-0.417	-0.708			6	-509.775	1031.671
	-0.405	0.645		8	-507.734	1031.677
		0.912		7	-508.758	1031.679
		0.804		7	-508.759	1031.681
-1.232		0.325	0.263	10	-505.681	1031.681
	-0.391	0.662		8	-507.738	1031.685
0.327		0.893	0.341	8	-507.741	1031.69
-1.714	1.177	-0.538		10	-505.686	1031.692
-2.893		0.617	0.406	11	-504.654	1031.692
		0.958		7	-508.767	1031.696
0.058		0.251	0.232	11	-504.659	1031.702
-1.694	1.404	-0.6		10	-505.694	1031.708
-0.41	-0.816	0.068		9	-506.724	1031.71
-0.399		-0.076		8	-507.759	1031.725
0.178		0.994		7	-508.782	1031.726
	0.91	0.628	0.332	8	-507.759	1031.727
-0.683	-1.289			7	-508.783	1031.728
				7	-508.783	1031.729
		0.559		8	-507.762	1031.733
	-0.248	0.059	0.188	10	-505.708	1031.734
			0.151	7	-508.79	1031.741
	-1.052			6	-509.81	1031.742
-0.486	-0.777			6	-509.812	1031.744
	-0.222	1.076	0.42	9	-506.744	1031.75
0.06		0.966		7	-508.797	1031.755
0.372	-0.199	0.984	0.347	8	-507.78	1031.767
	-0.01	0.557	0.206	8	-507.781	1031.771
		0.999	0.376	9	-506.756	1031.773
-0.476	-0.859		0.116	8	-507.783	1031.775
	-0.246	1.02	0.422	9	-506.757	1031.775
		0.488		8	-507.784	1031.776
0.555	0.932	1.505	0.729	10	-505.73	1031.78
		0.948		7	-508.811	1031.785
		0.95		7	-508.814	1031.791
0.521		1.238	0.449	8	-507.793	1031.794
-1.854	-0.805	0.52		10	-505.738	1031.795
-1.787	-0.705			9	-506.768	1031.797
-2.927		-0.26		9	-506.77	1031.801
	-0.533			7	-508.82	1031.801
	-0.793	0.635	0.204	8	-507.797	1031.802

-1.481			0.159	10	-505.741	1031.802
0.365		1.081		6	-509.842	1031.806
		0.955	0.398	9	-506.778	1031.816
		0.922		6	-509.85	1031.821
-0.461	-0.771			6	-509.851	1031.824
	-0.814		0.083	6	-509.855	1031.831
			0.331	9	-506.787	1031.835
-0.093	-0.414	0.576		7	-508.84	1031.842
-0.317		0.364	0.226	8	-507.82	1031.849
	0.335			8	-507.827	1031.863
		0.894	0.108	6	-509.874	1031.868
0.29		0.82	0.328	8	-507.831	1031.87
-0.273	0.59			8	-507.833	1031.874
0.534		1.312	0.433	8	-507.833	1031.874
	-0.286	0.715		7	-508.86	1031.881
-0.292	1.659		0.273	10	-505.785	1031.89
	-0.565	0.667		7	-508.865	1031.891
		0.62		8	-507.843	1031.895
-0.441	-0.781			6	-509.889	1031.9
-0.058	-0.444	0.58		7	-508.87	1031.901
	-2.726	1.333		11	-504.761	1031.906
-1.693	-0.936		0.043	9	-506.824	1031.91
-0.529	-1.036	0.46		8	-507.852	1031.912
	-0.373	0.651		7	-508.877	1031.916
		0.659		8	-507.856	1031.921
-0.219		0.458		7	-508.88	1031.922
0.18		0.991		7	-508.881	1031.923
	1.005	1.49	0.772	11	-504.77	1031.924
				9	-506.832	1031.924
	-0.435	0.632		7	-508.882	1031.925
				7	-508.882	1031.925
-0.17	-0.103	0.488		7	-508.885	1031.931
-0.154	-0.61	0.386	0.149	7	-508.888	1031.938
-0.443	-1.645			7	-508.888	1031.939
		1.37	0.456	9	-506.839	1031.939
		1.186	0.455	9	-506.839	1031.94
0.173		0.98		7	-508.891	1031.944
-0.136		0.537		7	-508.894	1031.949
-0.148		0.521		7	-508.894	1031.951
		0.952	0.463	10	-505.823	1031.965
		-0.232		11	-504.791	1031.966
-0.135	-0.072		0.302	9	-506.853	1031.968
	-0.182	1.193	0.472	10	-505.832	1031.983
		1.195	0.402	9	-506.865	1031.99
-1.137	0.467			9	-506.868	1031.997
-0.271		0.507	0.313	10	-505.839	1031.997
	0.298	1.165	0.408	9	-506.868	1031.997
	-0.794			6	-509.94	1032.002

		1.305	0.416	9	-506.872	1032.005
	0.173		0.359	9	-506.873	1032.006
				7	-508.923	1032.008
	-0.092	1.216	0.401	9	-506.876	1032.013
0.32		0.874		6	-509.948	1032.017
0.424	-0.269	0.976	0.329	8	-507.906	1032.02
	-0.097	1.395	0.428	9	-506.883	1032.026
				8	-507.911	1032.03
		1.646	0.508	9	-506.885	1032.03
-1.239	0.501			9	-506.887	1032.034
		0.747	0.352	9	-506.889	1032.038
		0.443		8	-507.917	1032.042
-0.893	0.234	0.115		9	-506.892	1032.044
-1.201	0.517	-0.013		9	-506.892	1032.045
		1.115		7	-508.942	1032.047
-0.936	1.224	-0.419		9	-506.893	1032.047
-0.247			0.05	8	-507.92	1032.049
	0.374			9	-506.898	1032.057
		0.719		7	-508.951	1032.064
		0.638		7	-508.952	1032.065
	-0.287	1.192	0.36	9	-506.902	1032.066
	-0.26	0.605		7	-508.953	1032.068
-0.862		0.124		9	-506.905	1032.07
-0.208		1.518	0.547	10	-505.877	1032.072
-0.063	-0.47	0.535		7	-508.956	1032.073
	-7.881	3.716		11	-504.849	1032.081
-0.425	-0.88			6	-509.983	1032.087
-1.968	-0.52	0.628		10	-505.884	1032.087
	-0.316	-0.387		11	-504.859	1032.101
-0.389	-0.75		0.054	6	-509.993	1032.107
-1.444		0.707	0.212	10	-505.897	1032.113
			0.315	8	-507.954	1032.117
1.3	1.115	1.089	0.707	11	-504.871	1032.126
-0.241		0.056		8	-507.959	1032.127
0.698		1.369	0.474	8	-507.961	1032.13
	-0.835			7	-508.993	1032.148
-0.379	0.466			10	-505.915	1032.149
	0.459			9	-506.945	1032.15
-1.97	-0.898	0.688		10	-505.916	1032.152
-1.016		0.089		9	-506.95	1032.16
-0.514		0.53		7	-509	1032.161
-0.547	1.187		0.143	9	-506.95	1032.161
				8	-507.981	1032.171
0.436		1.056		6	-510.026	1032.174
-1.495	0.655	-0.046		9	-506.958	1032.178
0.018		0.689		8	-507.987	1032.182
				7	-509.01	1032.182
	-0.421			9	-506.962	1032.186

		-0.047		9	-506.962	1032.186
	-0.281			8	-507.99	1032.188
-1.054	-1.113	0.303		9	-506.968	1032.197
0.233		0.908	0.44	10	-505.939	1032.198
		0.851		7	-509.02	1032.201
		1.124		7	-509.022	1032.206
-1.101	-1.189	0.266		9	-506.977	1032.214
		0.113		9	-506.985	1032.231
		0.914		7	-509.035	1032.232
-1.701		-0.128	-0.014	11	-504.925	1032.235
			0.437	7	-509.037	1032.237
		0.717		4	-512.09	1032.237
-1.796		-0.284		10	-505.959	1032.238
-0.42	-0.865	0.22		9	-506.992	1032.245
	-0.531	0.524	0.153	8	-508.032	1032.273
		1.224		7	-509.061	1032.283
			0.267	8	-508.037	1032.283
-1.055			0.165	8	-508.042	1032.292
-0.529	-0.338	0.283		9	-507.016	1032.294
	-4.158	1.545		12	-503.92	1032.294
	1.022		0.35	9	-507.017	1032.295
	0.121	0.621		7	-509.069	1032.299
-3.169	-0.428		0.033	9	-507.021	1032.303
-0.258	-1.077			7	-509.08	1032.321
-1.534	-0.65	0.913	0.155	10	-506.004	1032.328
0.418		1.381	0.599	10	-506.005	1032.33
-1.142			0.228	7	-509.085	1032.331
0.518	0.066	1.417	0.617	10	-506.008	1032.336
	1.376		0.212	8	-508.065	1032.339
			0.397	7	-509.091	1032.345
		1.214	0.243	7	-509.092	1032.346
		0.811		8	-508.071	1032.351
			0.171	9	-507.046	1032.353
	0.41	1.034	0.445	9	-507.047	1032.355
0.446	-0.293	0.921	0.318	8	-508.078	1032.364
0.629	0.12	1.413	0.619	10	-506.022	1032.364
0.04	-0.183	-0.274		10	-506.029	1032.377
	-0.844		0.173	8	-508.087	1032.383
		0.809		5	-511.151	1032.389
	0.077	1.106	0.439	9	-507.073	1032.407
	-0.287	1.185	0.508	10	-506.044	1032.407
-1.455	0.868	-0.125		9	-507.074	1032.409
-0.628	-1.229			8	-508.101	1032.41
	-0.916		0.134	8	-508.103	1032.415
-0.225	-0.755	0.238		9	-507.078	1032.416
		1.036	0.409	9	-507.082	1032.424
		0.959		7	-509.131	1032.424
				8	-508.108	1032.424

-1.573	-0.672	0.995	0.153	10	-506.053	1032.425
	-0.593	0.471	0.132	8	-508.109	1032.427
-0.665	0.134	0.14		9	-507.084	1032.429
	0.388	-0.43		11	-505.023	1032.43
-0.194	-0.542	0.396		7	-509.135	1032.431
-1.519		0.949		9	-507.086	1032.433
-0.905	-1.213			9	-507.088	1032.436
				7	-509.139	1032.441
	-0.725		0.221	5	-511.178	1032.442
		1.012	0.268	7	-509.142	1032.447
-2.137	-0.289			8	-508.13	1032.467
		0.792		7	-509.155	1032.471
-1.896		0.531		10	-506.076	1032.471
	-0.967			8	-508.132	1032.473
-0.579	-1.058		0.044	9	-507.11	1032.481
	-0.235			8	-508.137	1032.483
	0.216			8	-508.14	1032.488
0.169	-0.314	0.885	0.409	10	-506.085	1032.489
-1.406	0.307			10	-506.086	1032.49
-1.864	4.604	-1.743		11	-505.059	1032.502
-2.078			0.022	8	-508.149	1032.506
0.273	-0.234	1.005	0.455	10	-506.095	1032.51
	1.665		0.28	10	-506.099	1032.518
-2.408	-1.013		-0.107	8	-508.163	1032.534
	-0.624	0.426	0.121	8	-508.163	1032.534
			0.172	7	-509.203	1032.567
	-0.49	0.633		8	-508.184	1032.576
-0.868		1.283		8	-508.188	1032.585
	-0.016			7	-509.213	1032.588
-5.647	-4.019		-0.371	10	-506.135	1032.589
-0.269	-0.792			7	-509.214	1032.59
		0.924		7	-509.215	1032.593
	-0.933			7	-509.217	1032.596
-1.205		1.386		8	-508.196	1032.6
		0.478		8	-508.201	1032.611
	-0.103	0.423		8	-508.206	1032.619
0.8		1.337	0.472	8	-508.206	1032.62
		0.478		8	-508.207	1032.622
-1.182	-4.126	2.271		11	-505.12	1032.623
-1.266	-1.4		0.01	9	-507.182	1032.624
		0.404		8	-508.209	1032.625
-0.051	-0.687	0.341	0.094	8	-508.209	1032.626
	-0.644	0.387	0.112	8	-508.209	1032.627
	-0.806		0.148	9	-507.184	1032.629
-0.57			0.129	7	-509.237	1032.636
			0.205	9	-507.188	1032.636
-0.71	1.287		0.217	12	-504.094	1032.643
-0.6	1.611	-0.029	0.266	12	-504.096	1032.646

-2.043	-1.216	0.889		10	-506.164	1032.647
-0.861	0.245	0.246	0.121	12	-504.102	1032.659
	-0.656	0.571		8	-508.226	1032.66
		0.302		8	-508.226	1032.661
-0.259	-0.811		0.002	7	-509.251	1032.665
-0.938		0.262	0.084	12	-504.107	1032.668
	-0.629	0.302		9	-507.203	1032.668
-2.493	0.432	-0.254		10	-506.177	1032.674
-0.325	-0.928		0.051	9	-507.207	1032.675
-0.41	2.435	-0.174	0.363	12	-504.111	1032.676
-1.39			0.185	10	-506.18	1032.679
	0.059	0.327		8	-508.24	1032.689
-1.173	-0.237	0.184		12	-504.118	1032.69
		0.33		8	-508.241	1032.691
	-0.855			7	-509.265	1032.692
	1.044	0.544	0.323	9	-507.216	1032.693
	8.574	-1.937	0.703	11	-505.158	1032.701
0.255	-0.332	0.88	0.379	10	-506.192	1032.703
-2.98			0.092	9	-507.222	1032.704
			0.261	8	-508.251	1032.71
		0.941		8	-508.251	1032.711
-1.313	-1.37		0.045	9	-507.225	1032.711
		0.471		8	-508.253	1032.715
	-0.12	0.397		8	-508.254	1032.717
-0.364				5	-511.317	1032.72
	-0.563	0.544		8	-508.256	1032.721
			0.259	8	-508.257	1032.722
0.764		1.305	0.412	8	-508.262	1032.732
-0.314	-0.966	0.42		8	-508.262	1032.733
	2.697	0.025	0.495	12	-504.142	1032.738
-0.227	-0.826	0.182		8	-508.269	1032.746
	-0.11	0.376		8	-508.269	1032.746
-0.076	-0.447	0.376		8	-508.27	1032.749
-0.417	-0.575	0.305		9	-507.245	1032.751
-0.343	3.274	-0.387	0.432	12	-504.151	1032.756
		0.286		9	-507.25	1032.761
	-0.619	0.337		9	-507.257	1032.775
-0.904	-0.364			7	-509.308	1032.779
-1.706	-0.933	0.724	0.253	10	-506.235	1032.79
	-0.166	0.369		9	-507.266	1032.793
-1.036	1.519	0.338	0.407	11	-505.212	1032.807
		0.346		9	-507.274	1032.808
	-0.347	0.43		9	-507.276	1032.812
-0.454	-1.115			8	-508.302	1032.812
		0.944		6	-510.347	1032.815
-2.917	-1.111	-0.702	-0.26	11	-505.217	1032.819
	-0.717	0.479		8	-508.307	1032.822
-0.872				7	-509.332	1032.826

	-0.397			8	-508.31	1032.828
	-0.503	0.497		8	-508.314	1032.836
-0.861	1.646	0.279	0.391	11	-505.23	1032.843
-0.357	1.143		0.159	9	-507.292	1032.845
	-0.537	0.459		9	-507.292	1032.846
-1.371	1.46	0.121	0.323	11	-505.233	1032.849
-1.361	1.556		0.293	11	-505.234	1032.852
-1.807	2.259	-0.788	0.032	11	-505.234	1032.852
-0.155	-0.738	0.244		8	-508.324	1032.857
				7	-509.349	1032.859
	1.006	1.267	0.628	10	-506.274	1032.867
-0.626			0.104	9	-507.304	1032.869
-0.092	-0.659	0.34		8	-508.33	1032.869
-2.306	3.61	-1.574	-0.14	11	-505.244	1032.871
				6	-510.378	1032.876
				8	-508.334	1032.877
	-0.931			7	-509.358	1032.878
	-1.289	1.108		8	-508.336	1032.881
-0.111	-0.693	0.301		8	-508.337	1032.882
	-0.953			8	-508.342	1032.893
	-0.573	0.461		9	-507.317	1032.894
-0.481			0.134	7	-509.366	1032.894
	-0.846			7	-509.369	1032.899
	-0.479	0.485		9	-507.32	1032.901
	-1.488			7	-509.374	1032.909
	-0.676	0.583		9	-507.325	1032.91
0.377		0.761		8	-508.354	1032.917
	-0.671	0.999	0.323	9	-507.328	1032.918
	1.029	0.453	0.297	9	-507.33	1032.922
	1.468	0.987	0.573	10	-506.302	1032.924
	-0.545	0.443		8	-508.363	1032.935
	-0.768			7	-509.387	1032.935
	-0.505	0.986		8	-508.366	1032.94
	-0.233			8	-508.368	1032.944
-0.391	-0.985		-0.03	8	-508.369	1032.946
-2.803	-1.323		0.054	9	-507.345	1032.951
-0.691	0.322			7	-509.396	1032.954
	0.694			8	-508.381	1032.971
				8	-508.387	1032.982
-0.928		0.132		8	-508.392	1032.993
-0.816		-0.244		9	-507.373	1033.007
	0.523			9	-507.374	1033.008
			0.113	8	-508.405	1033.019
	0.748			8	-508.406	1033.02
	-0.64			5	-511.468	1033.022
	1.2	0.873	0.497	10	-506.355	1033.03
			0.254	8	-508.411	1033.031
	-0.637	0.768		8	-508.412	1033.033

	-0.948			7	-509.437	1033.035
	0.09			8	-508.414	1033.037
	-0.616		0.19	8	-508.415	1033.039
0.252		0.274	0.29	11	-505.331	1033.045
-0.581	-0.638	1.065	0.423	10	-506.366	1033.051
	-0.889		0.054	7	-509.445	1033.051
-0.091	-0.912	0.473		9	-507.396	1033.052
	-0.675	0.791		8	-508.423	1033.054
-0.028	-0.732	0.79	0.244	9	-507.399	1033.058
	1.74		0.301	10	-506.371	1033.061
	-0.545	0.807		8	-508.427	1033.063
0.557	3.757	0.352	0.806	12	-504.307	1033.069
			0.085	8	-508.43	1033.069
	-3.137	1.296		10	-506.375	1033.07
	-0.787		0.071	9	-507.405	1033.071
				7	-509.456	1033.074
	1.01	0.944	0.502	10	-506.379	1033.077
	1.293	1.044	0.555	10	-506.381	1033.081
-0.887		0.06	0.126	10	-506.382	1033.083
	0.688	0.81	0.419	9	-507.411	1033.084
-0.329	-0.271	0.357		9	-507.413	1033.087
				4	-512.519	1033.095
				6	-510.49	1033.102
	-0.866		0.066	7	-509.471	1033.105
-0.651	1.062	-0.374		9	-507.423	1033.108
0.812		1.235	0.402	8	-508.456	1033.121
		-0.021		9	-507.431	1033.124
	-0.701	0.522		9	-507.432	1033.124
		0.661	0.3	9	-507.433	1033.127
			0.45	7	-509.485	1033.133
	-0.894			7	-509.486	1033.133
-0.524		-0.095	0.019	9	-507.436	1033.133
	1.035	0.376	0.255	9	-507.437	1033.135
				8	-508.464	1033.137
	-0.456	0.687		8	-508.471	1033.15
-0.419			0.124	7	-509.494	1033.151
				5	-511.533	1033.152
-0.305	-1.576			8	-508.473	1033.155
-0.927	-1.375		-0.013	8	-508.473	1033.155
0.158	1.173	0.825	0.435	9	-507.448	1033.158
	-0.608	0.72		8	-508.475	1033.159
-1.646	-0.839	0.408	0.026	11	-505.39	1033.163
	1.526	0.9	0.588	11	-505.394	1033.171
		0.723		8	-508.482	1033.173
		1.104		7	-509.508	1033.178
			0.085	8	-508.487	1033.182
-0.339	-0.9		-0.031	8	-508.492	1033.193
-0.181		0.705	0.333	9	-507.479	1033.219

	-0.744			7	-509.53	1033.221
-0.502	0.942	-0.292		10	-506.453	1033.226
-2.44	-1.443		-0.125	9	-507.483	1033.227
		1.327	0.566	10	-506.458	1033.235
		0.623		8	-508.514	1033.236
	-0.783		0.311	7	-509.538	1033.237
-0.584	0.166			9	-507.49	1033.241
	-0.079	0.781	0.339	9	-507.491	1033.242
-1.376	1.479		0.197	11	-505.433	1033.249
		1.324	0.554	10	-506.469	1033.258
	-0.861		0.073	7	-509.551	1033.264
0.266	0.998	0.877	0.434	9	-507.502	1033.265
0.3	0.641	0.86	0.385	9	-507.503	1033.266
		0.704		9	-507.503	1033.267
	-0.49			7	-509.56	1033.283
-0.005		0.829	0.367	9	-507.511	1033.283
-2.021	0.171			10	-506.482	1033.284
	-0.492	0.499		9	-507.512	1033.285
-0.566	0.168			7	-509.563	1033.288
0.309	0.887	0.908	0.429	9	-507.515	1033.29
		0.67		9	-507.516	1033.292
-0.023	0.012	0.851	0.377	9	-507.516	1033.294
0.18		1.04		7	-509.566	1033.294
		0.937		8	-508.545	1033.298
-0.52	-0.864		0.033	7	-509.569	1033.3
-0.137	5.336	-0.512	0.741	11	-505.459	1033.301
			0.102	8	-508.548	1033.304
		0.514		9	-507.522	1033.305
0.313	-0.265	0.77	0.276	8	-508.549	1033.307
-2.26		-0.247	-0.153	11	-505.464	1033.311
				6	-510.595	1033.311
		0.654		8	-508.554	1033.317
		1.486	0.638	10	-506.499	1033.317
	-0.023	1.476	0.621	10	-506.499	1033.318
				8	-508.555	1033.318
-0.925		-0.153	0.063	10	-506.5	1033.32
	-0.829	0.832		8	-508.56	1033.328
-0.747	-0.415		0.084	9	-507.54	1033.34
	-0.031	1.501	0.607	10	-506.512	1033.342
		1.025	0.209	8	-508.568	1033.344
0.211		0.996		7	-509.593	1033.348
	0.842		0.229	8	-508.571	1033.351
0.17	1.528	0.839	0.559	11	-505.485	1033.353
	-0.712			6	-510.62	1033.362
			0.416	8	-508.578	1033.363
		0.756		6	-510.622	1033.365
-0.219	1.154		0.14	9	-507.557	1033.376
	-0.844		0.169	8	-508.585	1033.378

	0.38			8	-508.586	1033.379
				7	-509.609	1033.381
	-0.073	0.527		9	-507.562	1033.385
	-0.078	0.548		9	-507.563	1033.386
	0.58			8	-508.591	1033.39
-0.3	-0.89		-0.026	8	-508.591	1033.391
		1.102		8	-508.592	1033.393
		0.524		9	-507.567	1033.395
		0.656		6	-510.639	1033.399
-2.381	-0.108	-0.261	-0.21	11	-505.509	1033.403
	-0.086	0.602		9	-507.571	1033.403
				8	-508.598	1033.404
	-0.893		0.084	7	-509.623	1033.407
				7	-509.634	1033.43
0.7		1.822	0.632	9	-507.587	1033.435
				6	-510.658	1033.436
	1.61		0.319	10	-506.564	1033.448
			0.229	7	-509.651	1033.465
0.178		0.961		8	-508.636	1033.481
		0.869	0.431	10	-506.582	1033.483
	-0.689			5	-511.703	1033.492
-0.489	0.102			7	-509.666	1033.493
	-0.671			5	-511.709	1033.504
	0.528			9	-507.623	1033.507
	-0.753			5	-511.712	1033.51
	1.635		0.42	9	-507.626	1033.512
	-0.662			5	-511.714	1033.514
-1.111	-0.309		0.187	10	-506.598	1033.515
-0.029		0.389	0.18	9	-507.632	1033.525
-0.864		1.443	0.342	10	-506.604	1033.528
	-0.677			5	-511.722	1033.529
-0.799	-0.499	-0.082		9	-507.636	1033.532
		0.883		6	-510.716	1033.553
0.179		0.676	0.269	9	-507.648	1033.557
-0.369	-0.718		0.085	7	-509.701	1033.564
		0.792		6	-510.722	1033.565
	-0.703		0.355	7	-509.702	1033.566
	-0.702			6	-510.724	1033.57
		0.731	0.041	6	-510.73	1033.582
	-0.611	0.596		9	-507.662	1033.585
				5	-511.755	1033.596
-0.273	-0.907		-0.029	8	-508.699	1033.607
-2.465	-1.037	0.061	-0.24	11	-505.613	1033.609
		0.869	0.044	6	-510.744	1033.609
	-0.868	0.721		9	-507.678	1033.618
0.649		1.038	0.35	8	-508.709	1033.627
	-0.842			7	-509.735	1033.631
	-0.689		0.255	6	-510.757	1033.635

	-0.329	0.489		9	-507.688	1033.637
	-0.854	0.73		9	-507.689	1033.638
0.105		0.99		8	-508.716	1033.641
				6	-510.762	1033.646
	1.386	-0.644		10	-506.665	1033.649
	-0.64	0.647		9	-507.7	1033.662
-2.006	1.219	-0.582		11	-505.643	1033.67
	-0.863			6	-510.777	1033.676
			0.128	8	-508.739	1033.687
	-1.016		0.057	7	-509.763	1033.689
	1.854		0.419	9	-507.721	1033.702
		0.903		8	-508.747	1033.703
		0.96		8	-508.751	1033.71
-0.997		0.424	0.297	11	-505.667	1033.718
			0.371	9	-507.737	1033.736
-0.34	-0.304	0.48		8	-508.764	1033.737
-0.461	-0.782		0.042	7	-509.791	1033.744
	-0.893	0.824		8	-508.768	1033.744
		1.171	0.433	10	-506.715	1033.749
				6	-510.816	1033.754
	-0.336			8	-508.775	1033.759
	-0.133			8	-508.779	1033.767
	-0.795		0.102	7	-509.803	1033.768
0.185	-0.661	0.771	0.257	9	-507.756	1033.772
				8	-508.782	1033.773
-0.678	-1.288		0.007	8	-508.782	1033.773
		0.425		9	-507.757	1033.775
			0.297	6	-510.828	1033.778
0.356		1.016		7	-509.809	1033.779
0.089		0.984		8	-508.787	1033.783
	-1.542			6	-510.832	1033.785
0.327		1.08		7	-509.814	1033.791
0.077		0.974		8	-508.795	1033.798
-0.458	-1.034	0.358		9	-507.772	1033.804
		-0.288		10	-506.744	1033.807
0.415	-0.136	1.065	0.381	9	-507.774	1033.808
	-0.223	1.071	0.42	10	-506.745	1033.809
	1.33		0.523	8	-508.804	1033.816
-0.434	-0.777		0.045	7	-509.828	1033.819
			0.258	5	-511.869	1033.824
	-1.007			7	-509.841	1033.844
-0.353	0.863	-0.16		9	-507.793	1033.847
	-0.793	0.642	0.207	9	-507.797	1033.854
		0.735	0.153	5	-511.887	1033.861
-0.358		0.468		8	-508.832	1033.873
-0.087	-0.451	0.582		8	-508.84	1033.888
-0.416	-0.785		0.043	7	-509.869	1033.9
	0.471		0.487	8	-508.853	1033.914

	-0.598	0.679		8	-508.863	1033.935
-0.09	-0.318	0.557		8	-508.864	1033.937
0.38		0.881		7	-509.892	1033.947
	-0.216	1.43	0.449	10	-506.819	1033.956
	0.19			10	-506.82	1033.959
			0.187	9	-507.85	1033.961
-0.217	-0.008	0.458		8	-508.88	1033.969
-0.433	-1.632		0.017	8	-508.886	1033.98
0.366		0.941		7	-509.914	1033.99
	0.015	1.38	0.461	10	-506.839	1033.997
		1.015	0.218	7	-509.918	1033.997
		1.355	0.453	10	-506.839	1033.998
		1.215		8	-508.896	1034
-0.904			0.2	8	-508.899	1034.006
	0.234	1.172	0.418	10	-506.854	1034.027
	0.179			8	-508.915	1034.039
	0.24	1.264	0.43	10	-506.861	1034.042
-1.084	0.424	0.032		10	-506.867	1034.053
0.458	-0.233	1.029	0.35	9	-507.904	1034.069
	-0.073			9	-507.906	1034.072
	-0.916		0.175	8	-508.933	1034.074
	-0.972			6	-510.981	1034.084
				9	-507.911	1034.084
-1.272	0.524	-0.016		10	-506.886	1034.092
				5	-512.005	1034.096
-0.402	-0.861		0.039	7	-509.967	1034.096
	1.403		0.183	9	-507.918	1034.097
	-0.635			6	-510.989	1034.098
-0.905	1.242	-0.383	0.015	10	-506.892	1034.104
-0.706	1.126		0.236	8	-508.948	1034.104
			0.317	6	-510.999	1034.119
			0.303	9	-507.934	1034.128
-0.972	-0.227		0.187	8	-508.966	1034.141
-0.809	-1.049	0.247		10	-506.913	1034.145
	0.095		0.329	9	-507.947	1034.155
0.4		1.054		7	-510	1034.162
	1.232		0.218	9	-507.958	1034.177
0.09		0.757		5	-512.049	1034.184
		0.817		8	-508.992	1034.193
	-0.831			8	-508.993	1034.194
		1.052		8	-508.993	1034.195
	0.427	0.023		10	-506.944	1034.207
	0.131			8	-509.003	1034.213
	1.406		0.182	9	-507.979	1034.218
	-0.067			9	-507.98	1034.221
	0.666			8	-509.011	1034.229
	-0.422	-0.048		10	-506.96	1034.239
0.952		1.702	0.612	9	-507.99	1034.24

	-1.123			7	-510.043	1034.248
		0.723		5	-512.087	1034.261
	-0.954		0.101	9	-508.006	1034.273
-1.075	6.437	-1.853	0.313	12	-504.92	1034.294
-0.261				6	-511.099	1034.318
-0.275	-1.104		-0.038	8	-509.06	1034.329
-1.046		1.301		9	-508.058	1034.378
	1.364		0.207	9	-508.064	1034.388
0.407	-0.002	1.388	0.602	11	-506.005	1034.395
0.358	-0.371	0.808	0.273	9	-508.069	1034.4
	0.458	0.965	0.424	10	-507.042	1034.404
		0.809	0.021	6	-511.146	1034.413
	-0.871		0.159	9	-508.08	1034.42
			0.205	7	-510.129	1034.421
-0.65	-1.233		-0.035	9	-508.082	1034.425
-0.278	-0.955	0.277		9	-508.089	1034.438
		0.51		9	-508.096	1034.453
	-0.734		0.22	6	-511.166	1034.454
	-0.59	0.717		9	-508.097	1034.455
		0.406		9	-508.101	1034.464
	-0.666		0.227	6	-511.171	1034.464
-0.866	-1.201		0.034	10	-507.073	1034.465
	-0.727		0.222	6	-511.175	1034.472
	-0.723		0.22	6	-511.176	1034.472
				7	-510.156	1034.474
	0.061			9	-508.107	1034.474
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	-0.725		0.221	6	-511.178	1034.477
				8	-509.136	1034.48
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			0.145	8	-509.151	1034.509
		0.352		9	-508.126	1034.512
		0.811		8	-509.153	1034.514
-0.302			0.114	6	-511.207	1034.535
			0.349	6	-511.214	1034.549
				5	-512.231	1034.549
	-0.917		0.152	8	-509.179	1034.566
	-0.7		0.341	7	-510.202	1034.566
			0.169	7	-510.21	1034.581
			0.324	6	-511.241	1034.602
	0.065		0.179	8	-509.201	1034.61
	-0.294	0.51		9	-508.175	1034.611
	-0.533	0.636		9	-508.176	1034.613
	-0.227	0.474		9	-508.176	1034.613
	-0.632	0.694		9	-508.18	1034.622
		0.377		9	-508.183	1034.628
-0.262	-0.792		0.018	8	-509.211	1034.629
-0.546	0.768		0.157	10	-507.158	1034.634

	-0.829			9	-508.193	1034.646
	-1.299	0.582		10	-507.168	1034.655
		1.726	0.474	8	-509.23	1034.668
	-0.112	0.426		9	-508.206	1034.672
-0.03	-0.668	0.36	0.101	9	-508.208	1034.678
0.653		0.628		9	-508.212	1034.686
	0.227	0.263		9	-508.214	1034.69
				5	-512.302	1034.691
	-0.79			8	-509.243	1034.695
			0.192	8	-509.246	1034.7
	-0.858		0.033	8	-509.246	1034.701
	-0.912			8	-509.249	1034.707
	-1.537			8	-509.25	1034.709
	-0.646	0.572		9	-508.225	1034.711
-0.712	1.167	0.045	0.211	13	-504.094	1034.719
		1.084		7	-510.284	1034.73
	0.109	0.303		9	-508.239	1034.739
-0.364				6	-511.315	1034.751
	-0.637			6	-511.317	1034.755
	0.759			9	-508.248	1034.758
	0.58			9	-508.249	1034.76
	-0.599	0.546		9	-508.251	1034.764
	-1.404		0.219	7	-510.311	1034.784
			0.112	9	-508.273	1034.808
	-1.453		0.072	8	-509.304	1034.816
	0.016	0.285		10	-507.25	1034.819
			0.13	6	-511.35	1034.821
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-0.843	0.651	-0.372		10	-507.262	1034.843
	-0.196	0.38		10	-507.265	1034.85
0.54				7	-510.353	1034.868
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				6	-511.378	1034.878
	0.819	0.575	0.335	10	-507.286	1034.892
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	1.167	1.198	0.621	11	-506.256	1034.896
-0.415	0.89		0.208	8	-509.345	1034.899
	-1.548	1.242		9	-508.325	1034.912
	-0.677			6	-511.395	1034.912
	-0.928		0.02	8	-509.352	1034.912
				6	-511.397	1034.915
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				7	-510.377	1034.917
	-0.904			8	-509.355	1034.918
	-1.363			8	-509.356	1034.92
	0.977	1.276	0.631	11	-506.272	1034.928

				6	-511.404	1034.929
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	-0.783		0.039	8	-509.361	1034.931
	-0.616			6	-511.41	1034.94
	-0.83			8	-509.368	1034.944
	-0.57	0.924		9	-508.345	1034.951
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			0.431	7	-510.408	1034.977
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			0.17	7	-510.412	1034.986
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	0.709			9	-508.38	1035.02
	-0.292			8	-509.411	1035.031
	-0.774		0.311	7	-510.439	1035.039
		0.93	0.176	7	-510.441	1035.044
			0.101	9	-508.396	1035.053
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	0.769			9	-508.398	1035.058
	-0.162		0.238	9	-508.401	1035.063
		0.783	0.132	7	-510.451	1035.064
	-1.175			7	-510.451	1035.064
	-0.543	0.759		9	-508.41	1035.08
				5	-512.498	1035.082
				6	-511.492	1035.104
	0.412		0.502	8	-509.452	1035.112
			0.529	7	-510.477	1035.115
	0.228			7	-510.478	1035.117
				7	-510.485	1035.132
0.053	0.709	0.837	0.425	10	-507.409	1035.137
	2.206		0.383	9	-508.455	1035.17
	-0.771		0.053	8	-509.485	1035.178
0.087	0.996	0.502	0.296	10	-507.43	1035.179
-0.318	-1.596		-0.031	9	-508.461	1035.184
	-1.28			6	-511.534	1035.189
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	-0.464	0.691		9	-508.471	1035.202
		0.761		9	-508.48	1035.221
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			0.089	9	-508.48	1035.221
	-0.482		0.153	8	-509.511	1035.23
0.329		0.895	0.274	6	-511.556	1035.233
				7	-510.538	1035.237
		1.205	0.572	11	-506.434	1035.252
	1.917		0.267	10	-507.469	1035.258
	0.666			8	-509.526	1035.261
	-0.728		0.122	7	-510.557	1035.275
	0.841		0.206	9	-508.52	1035.3

	1.301	-0.832		11	-506.459	1035.302
	-0.463		0.355	9	-508.523	1035.307
		0.617		10	-507.499	1035.317
	-1.059			6	-511.601	1035.323
		0.647	0.064	7	-510.581	1035.324
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	-0.034			7	-510.595	1035.352
			0.351	8	-509.573	1035.354
	-2			7	-510.601	1035.364
			0.256	8	-509.583	1035.375
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		0.722		7	-510.617	1035.397
	-0.791			7	-510.619	1035.4
	-0.009			8	-509.609	1035.427
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	0.195			7	-510.649	1035.459
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	-1.031			6	-511.681	1035.482
	-0.513			6	-511.695	1035.512
	-0.715			6	-511.699	1035.52
			0.296	10	-507.601	1035.522
	-0.852		0.094	7	-510.695	1035.553
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			0.26	6	-511.865	1035.852
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	0.267		0.35	7	-510.985	1036.133
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				5	-514.201	1038.488
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				5	-514.205	1038.496
				6	-513.191	1038.503
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				5	-514.218	1038.522
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				8	-511.217	1038.642
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		5	-514.58	1039.247
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	0.277	7	-512.582	1039.325
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		6	-514.039	1040.199
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95.137	0
95.197	0
95.216	0
96.403	0