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Metagenomic insights of the infant microbiome community structure and function across multiple sites in the United States

Giorgio Casaburi[1]✉, Rebbeca M. Duar[1], Heather Brown[1], Ryan D. Mitchell[1], Sufyan Kazi[1], Stephanie Chew[1], Orla Cagney[1], Robin L. Flannery[1], Karl G. Sylvester[2], Steven A. Frese[1,3,4], Bethany M. Henrick[1,3] & Samara L. Freeman[1]

The gut microbiome plays an important role in early life, protecting newborns from enteric pathogens, promoting immune system development and providing key functions to the infant host. Currently, there are limited data to broadly assess the status of the US healthy infant gut microbiome. To address this gap, we performed a multi-state metagenomic survey and found high levels of bacteria associated with enteric inflammation (e.g. *Escherichia*, *Klebsiella)*, antibiotic resistance genes, and signatures of dysbiosis, independent of location, age, and diet. *Bifidobacterium* were less abundant than generally expected and the species identified, including *B. breve*, *B. longum* and *B. bifidum*, had limited genetic capacity to metabolize human milk oligosaccharides (HMOs), while *B. infantis* strains with a complete capacity for HMOs utilization were found to be exceptionally rare. Considering microbiome composition and functional capacity, this survey revealed a previously unappreciated dysbiosis that is widespread in the contemporary US infant gut microbiome.

The neonatal period represents a unique stage of life when critical foundations of lifelong health are established[1,2]. Throughout this period, the gut microbiome can provide protection against enteric infections and is crucial for the proper development of the immune system[3,4]. In infants, it is well established that gut microbiome perturbations characterized by the overrepresentation of potentially pathogenic taxa are implicated in mediating persistent pathophysiological and immune abnormalities, including heightened risk for immunological disorders later in life and acute chronic inflammation[3,5–7]. These gut microbial perturbations, conceptually referred to as dysbiosis, are strongly associated with the absence of infant-associated *Bifidobacterium* that encode key functions required for the metabolization of human milk oligosaccharides (HMOs) in the infant[8].

Disruptions to the optimum infant intestinal microbiome are thought to result from changes to the infant's diet, antibiotic exposure, and cesarean section delivery, as well as other interventions or exposures that might alter the transmission of microbes from mother to infant or the communities themselves[9–12]. However, there is mounting evidence suggesting that disparities between microbiome compositions observed today in different human populations may also echo historical changes including migrations[13], historical infant feeding practices[14], or the sum of all changes associated with modern lifestyles[15]. Despite the importance of the microbiome for infant health, nutrition, and development, most reports on the infant gut microbiome in developed countries have described communities in preterm infants[16,17], and only few studies have utilized metagenomics to characterize microbiome function at distinct sites from large cohorts of infants[18,19]. Recent metagenomic surveys focused on genetically similar, but socioeconomically distinct populations in three European countries identifying microbiome compositions in early life with clear implications for long term health and development regarding the development of autoimmune diseases including Type 1 Diabetes[19]. Other studies have identified health status-specific differences among infants in low-income countries that later impacted vaccine responses, further signaling the important role that the microbiome in early life plays in immune development[20,21]. Similarly, recent large-scale studies have identified parallel differences in the microbiomes among infants even within high-income countries in Europe, which were associated with the development of autoimmune diseases such

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as asthma[22]. Mechanistic support for the critical role *Bifidobacterium* play in early life immune development has also been recently described[23]. Thus, it appears increasingly important to describe population-level norms among otherwise healthy infants within and across countries, especially large, ethnically, and socioeconomically diverse countries such as the United States.

In order to begin to address this need for population level surveys of the healthy infant gut microbiome in the United States, fecal samples from 227 infants (0–6 months of age) were collected from pediatric research sites located in five states, representing a cross-section of infants from across the United States. Stool samples underwent shotgun metagenomics sequencing. Specifically, we applied shotgun metagenomics to characterize: (1) gut bacterial communities of healthy US infants in the first 6 months of life; (2) ecosystem functions by determining the metabolic potential of gut microbiomes in different enterotypes to metabolize human milk oligosaccharides (HMOs) from breast milk; and (3) the carriage of antibiotic resistant genes (ARGs) in infants across different US states. The above criteria were then used to classify microbiomes as dysbiotic or not, based on the concept of ecosystem services[24] adapted to evaluate the benefits infants receive from functions provided by their gut microbiomes[8].

Overall, this survey revealed that, on average, infants in the US have a low abundance of *Bifidobacterium*, a high abundance of potentially pathogenic bacteria carrying high levels of ARGs, as well as limited capacity of metabolizing HMOs from breast milk. These findings were widespread in infants in the US, independent of location, age, and diet. This survey offers a new perspective when considering infants in the context of a healthy microbiome and the acute and long-term consequences it implies.

Results

Infant gut microbiome compositions vary independently of age, diet and location. Our cohort of 227 samples (one sample per subject) from 7 research sites in 5 states (California, Georgia, Oregon, Pennsylvania, South Carolina), was assessed for microbiome composition and function via shotgun metagenomic sequencing. Demographic data for every subject is reported in Supplementary Table 1. After quality filtering, Illumina sequencing led to an average of 28 million PE reads per sample (± SD 6.4 million), of which 4.6% (± SD 12%) per sample on average were discarded as human reads. High-quality, human-filtered reads were subjected to taxonomic and functional profiling (see "Methods"). A total of 367 classified bacterial species belonging to 119 genera, 53 families, 25 orders, 15 classes, and 7 phyla were identified across the samples (Supplementary Table 2). Potential pathogenic bacteria were present among the top ten bacterial families, which combined accounted for 93% of the infant's microbiome. The most abundant on average were *Enterobacteriaceae* (35%), *Streptococcaceae* (5.6%), *Clostridiaceae* (3.6%), and *Staphylococcaceae* (1.23%) (Fig. 1A). The bacterial family of *Bifidobacteriaceae* was low on average in infants from all five states (19.9%) with the lowest abundance in infants from Georgia (12%) and the highest (37%) in Pennsylvania. When considering only samples collected within the first 100 days of life (0–3 months), a critical window of time for immune system development[25], we did not see a difference by state in terms of bacterial families composing the microbiome, with a composition that appears to be independent of location[25] (Supplementary Fig. 1). Splitting the data by both age (0–3 vs. 4–6 months) and diet (exclusively breast or formula fed and mixed), revealed that the 0–3 months samples had a higher individual variation in bacterial family composition compared to the 4–6 months samples, probably due to the natural acquisition of bifidobacteria (Fig. 1B).

Furthermore, we performed a microbiome multivariable association analysis with linear models, using MaAsLin2 (see "Methods"), by including all the clinical variables available in this study to test for microbiome differences at the family level according to metadata. Interestingly, while we did find significant taxa associated with few metadata variables, most of the bacterial families reported, were very low in relative abundance overall (< 2%) and thus we do not believe that their biological impact is of a major concern or clinical interest. However, two top families, namely *Bifidobacteriaceae* (19.9%) and *Bacteroidaceae* (10.4%) were all significantly associated with age but not with any other variable (Supplementary Table 6), confirming again the natural acquisition of these families from the environment as the infants grow older.

At the species level, we identified known potentially pathogenic species of particular relevance, especially as it pertains to the neonatal population, accounting for 26% of the microbiome on average in all samples (Supplementary Table 2). In order of abundance we identified, *Escherichia coli* (12.6%) the most abundant among all species overall, *Klebsiella pneumoniae* (7%), *Klebsiella oxytoca* (2.5%), *Enterobacter cloaceae* (2.7%), *Clostridium perfringens* (1.1%), *Clostridium difficile* (0.1%), *Staphylococcus aureus* (0.03%) and *Streptococcus agalactiae* (0.01%). We also identified a taxon classified as *Escherichia* (5%) for which the species level assignment was not classified.

Bifidobacteria levels are low on average in the US independent of diet. As bifidobacteria are considered a fundamental component of a healthy infant gut microbiome, we performed targeted genus-, species- and strain-level metagenomic analysis using unique clade-specific marker genes (see "Methods"). Overall, the average abundance of *Bifidobacterium* was 20%. When accounting for diet, within the first 100 days of life (0–3 months) or later (4–6 months), there were no significant differences in the abundance of *Bifidobacterium,* independent of whether the infants were exclusively fed breast milk, formula or were fed a mixed diet of breast milk and formula (Fig. 2A). However, breastfed infants in the 4–6 months age group, had a higher abundance of *Bifidobacterium* (75% of the microbiome on average), though not significantly different ($P > 0.05$) amongst feeding types, likely due to high individual variation from the formula fed infants in that age group, which had an average abundance of *Bifidobacterium* below 25%. At the species level, we identified 10 *Bifidobacterium* species, with the most abundant being *Bifidobacterium longum* (8.5%), *Bifidobacterium breve* (5.8%), and *Bifidobacterium bifidum* (3.75%) (Fig. 2B). All three species were significantly lower in the 0–3 months age group compared

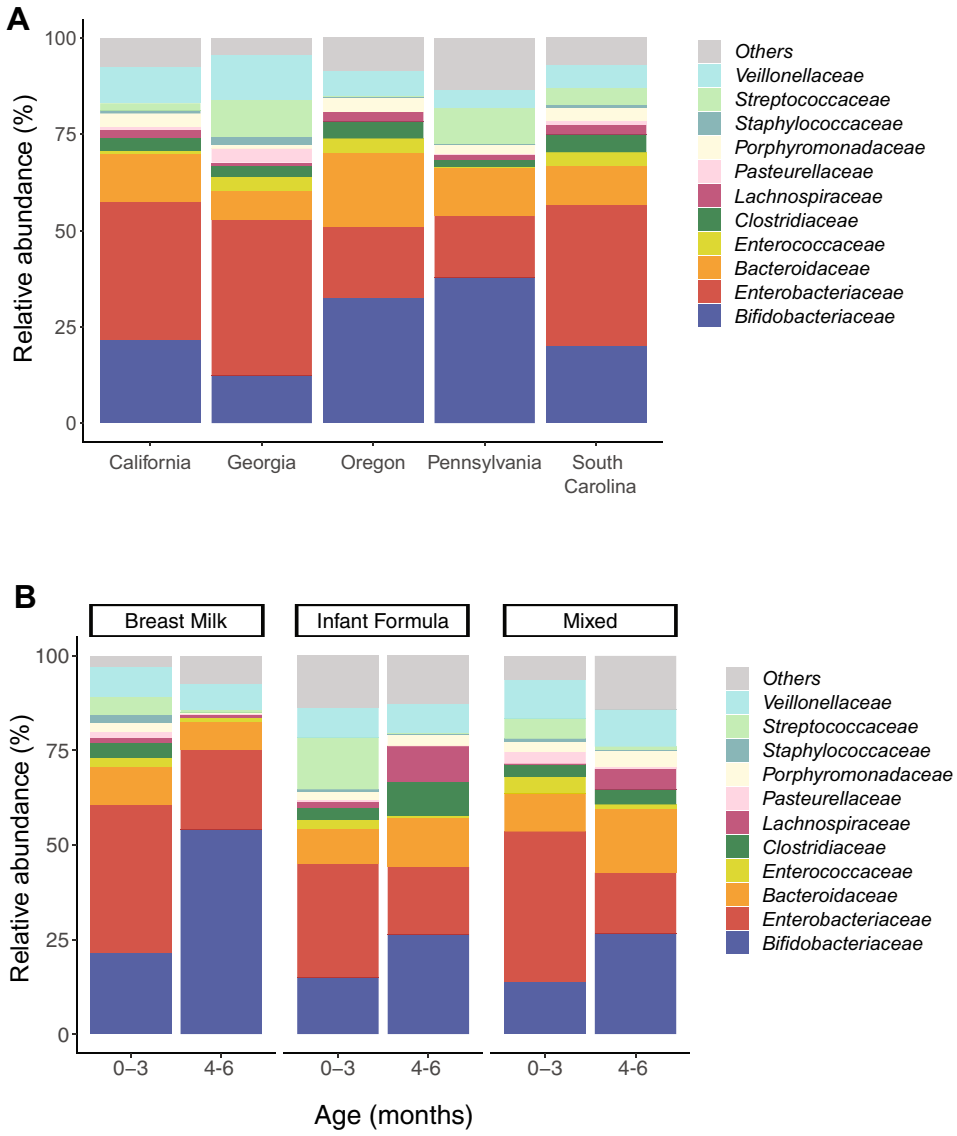

Figure 1. Relative abundance of bacterial families by location, diet and age. (**A**) Relative abundance (%) of top bacterial families identified in infants 0–6 months of age across five US states. (**B**) Relative abundance (%) of top bacterial families identified and grouped by age and diet.

to the older infants (4–6 months) and had a greater degree of intra-group variability with samples ranging from 0% to more than 90% of relative abundance of *B. breve, B. longum,* or *B. bifidum*.

***B. infantis*, a key infant gut symbiont, is missing in 90% of infants.** We assessed the bifidobacteria composition at the strain level by investigating the presence of genes specifically involved in the consumption of human milk oligosaccharides (HMOs)[26,27]. We performed a nucleotide-level analysis of six gene clusters previously identified to be relatively unique to the genome of *Bifidobacterium longum* subsp. *infantis* (*B. infantis*)[27]. Notably, the 43 kb H1 gene cluster that encodes glycosyl hydrolases active on four key HMO glycosidic linkages, has so far only been identified in *B. infantis*[26] and is broadly conserved among the subspecies[8,28] while other HMO-related gene loci are less conserved and found among different bacteria beyond bifidobacteria[27]. To account for genomic variation within the subspecies, we used the detection of at least 90% of the genes in these six genomic loci (H1, H2, H3, H4, H5, and a urease gene cluster) to detect *B. infantis* among infant samples by metagenomic sequencing. Using this criterion, we detected *B. infantis* in only 10% (23 samples) of all 227 samples. However, of these samples, only 3% (6 samples) had a relative abundance of *B. longum* species (inclusive of *B. infantis*) greater than 40%, which collectively represented a mean abundance of 65.10% (± SD 19.74%). Among the remaining 17 samples (7% of samples) where *B. infantis* was detected, the overall *B. longum* species only achieved a mean relative abundance of 7.38% (± SD 6.95%).

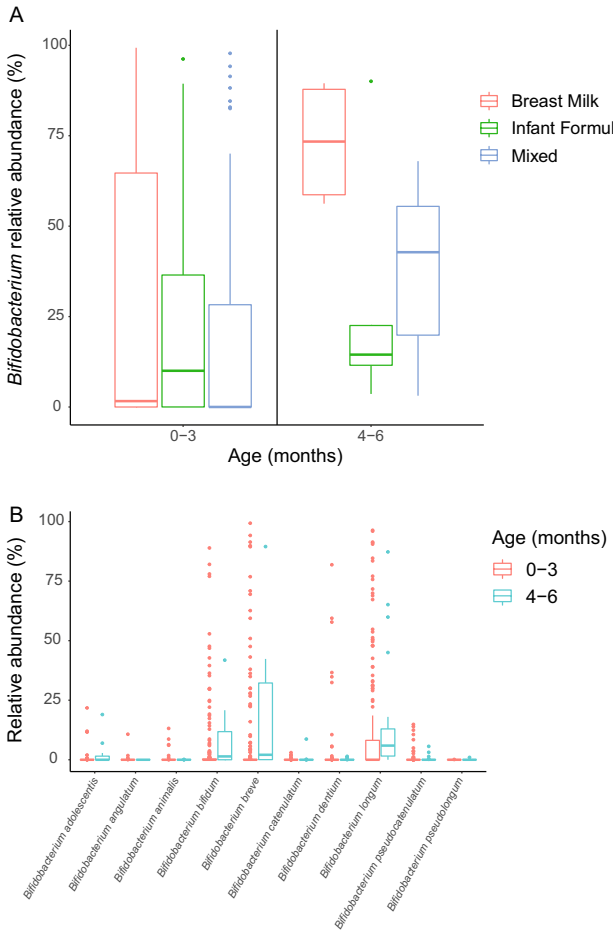

Figure 2. Relative abundance of *Bifidobacterium* at the genus and species level. (**A**) *Bifidobacterium* relative abundance (%) grouped by age and diet. (**B**) Relative abundance (%) of all species identified within the *Bifidobacterium* genus and grouped by patient age. The lower and upper hinges of the box plots correspond to the first and third quartiles (the 25th and 75th percentiles), while internal hinge is the 50th percentile (median). Data beyond the end of the whiskers are "outlying" points and are plotted individually.

To confirm our findings, we also applied a subspecies-specific qPCR assay (see "Methods") to detect *B. infantis* among these samples. Using qPCR, we detected *B. infantis* in 11% of samples ($n = 24$), in strong agreement with our metagenomic detection approach (Supplementary Table 1). One sample not detected by our metagenomics approach, but positive by qPCR, demonstrated a low relative abundance of *B. longum* species (%) and was missing more than 33% and 42% of the genes in the H1 and urease gene clusters, respectively.

Thus, we used the detection of the H1 gene cluster as a proxy to determine the presence of *B. infantis* in the gut microbiome. All the genes belonging to the H1-cluster were detected in only 7 out of the 227 microbiome samples analyzed, meaning 97% of infants were likely missing *B. infantis*. Additionally, all 220 infants with incomplete or missing genes in the H1-cluster were also lacking crucial genes from other H-clusters non uniquely found in *B. infantis*, which are also involved in the capture, transport and metabolism of HMOs[27] (Fig. 3). Furthermore, a comparison of the relative abundance of the genus *Bifidobacterium* on a per sample basis against the presence of the H-clusters showed that even with high abundance of *Bifidobacterium* (> 90%) in some of the infant microbiomes, key HMO genes were largely undetected (Fig. 3). This suggests that even when high levels of *B. breve, B. longum,* or *B. bifidum* are found in infants, it does not translate into a complete functional capacity of HMO utilization. Together, these analyses revealed that genes crucial to the utilization of HMOs, and therefore the main species that encodes them (i.e., *B. infantis*), are largely absent from the microbiome of infants in the US, independent of age, location, and diet (Fig. 3).

Antibiotic resistance in the US infant microbiome. Analysis of the total load of antibiotic resistance genes (ARGs) in the infants' microbiomes across the US (i.e., the resistome), revealed a high abundance of ARGs in all five states analyzed in this survey, with a total of 325 unique ARGs identified from the CARD database (Supplementary Table 3). Particularly, South Carolina, California and Georgia had the highest abundance of ARGs (0.10%/0.014%/0.013%, average ARGs relative abundance compared to overall microbiome), followed by Pennsylvania (0.01%) and Oregon (0.006%) (Fig. 4A). No significant differences were observed by state in terms of overall ARG % microbiome composition. A total of 155 ARGs were common to the five states and despite

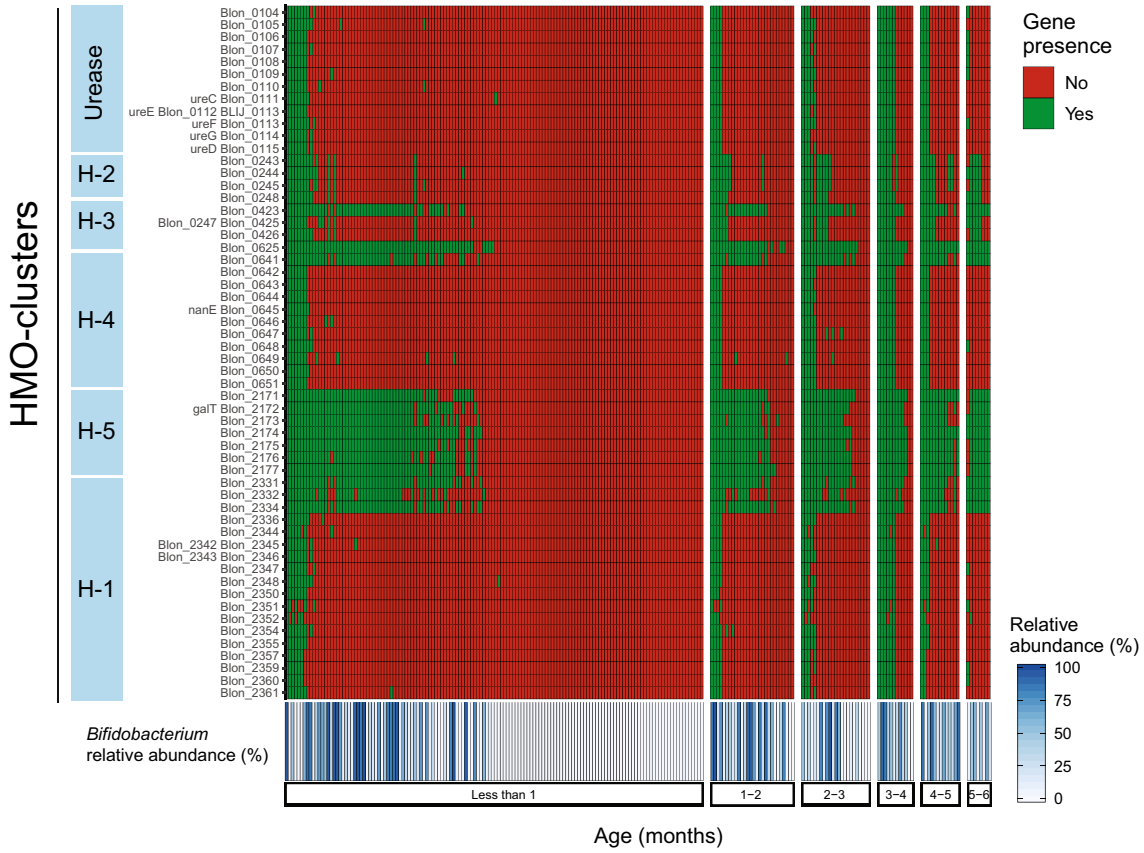

Figure 3. Functional HMO-cluster gene profiling by samples. (**A**) Heatmap showing presence/absence of the 56 HMO-cluster genes in all samples in the survey. Every column represents an individual sample and ordered by age block. Within a age block samples are ordered by decreasing presence of genes from left to right. Bottom of heatmap shows relative abundance (%) of *Bifidobacterium* by corresponding individual samples.

the total abundance levels, more unique ARGs were identified in California ($n = 20$) (Fig. 4B). After accounting for sequencing depth, we confirmed that both the type and load of ARGs identified were not related to the number of sequences per sample grouped by state (Oregon = 32.5 M; Georgia = 28.9 M; California = 28.1 M; Pennsylvania = 27.5 M; South Carolina = 26.2 M), but rather possibly related to the number of individual patient samples collected (Fig. 4B). However, there appears to be a virtual plateau in ARG diversity assessed in this study considering that California had the highest diversity with almost half the patient samples compared to Georgia. A complete list of the identified ARGs by state is reported in Supplementary Table 4. Interestingly, the 20 unique ARGs found in California in this study have been also previously found in another cohort of 60 healthy, exclusively breastfed infants lacking *B. infantis* at day 21 of life[29]. Amongst the core ARGs found in every state, the most abundant on average were "ARO_3003369" (*Escherichia coli* EF-Tu mutants conferring resistance to Pulvomycin); followed by "ARO:3003317" (*Salmonella serovars* parE conferring resistance to fluoroquinolones); and "ARO:3003890" (*Escherichia coli* UhpT with mutation conferring resistance to fosfomycin). When considering age, there was a higher load of ARGs in the microbiome of infants between 0 and 3 months, though due to the high degree of intra-individual variation, not significantly different from the 4–6 months age window ($P > 0.05$) (Supplementary Fig. 2). We analyzed the ARG abundance on both the gene type and antimicrobial class levels using principal coordinate analyses (PCoA). With regard to the sample resistome dissimilarities at both genes and drug class levels, there was no clear separation when considering all the metadata collected, though geography and age were significant, but these factors had a very low effect size (adonis) on the overall resistome (Supplementary Table 5). Collapsing the ARGs into their respective drug class and by state, we found that on average 54% of the resistome was associated with genes conferring multi drug resistance, followed by fosfomycin, elfamycin and fluoroquinolone antibiotics resistance (Supplementary Fig. 3).

Enterotypes of the US infant gut microbiome and functional analysis of HMO-metabolism potential. Three enterotype clusters were identified; 99 subjects were assigned to *Bifidobacteriaceae*, 81 to *Enterobacteriaceae*, and 47 to *Bacteroidaceae* enterotype (Fig. 5A). Other bacterial taxa identified contributed less significantly to each enterotype cluster compared to the three main bacterial families highlighted (Fig. 5B). Relative abundances of the three bacterial taxa that are principally responsible for the separation of samples confirmed expected predominance of *Bifidobacteriaceae*, *Enterobacteriaceae* and *Bacteroidaceae*, respectively (Supplementary Fig. 4). We confirmed the enterotype classification results using other well-known clustering approaches, including principal component analysis (PAM) as well as Bray–Curtis, which are commonly used to

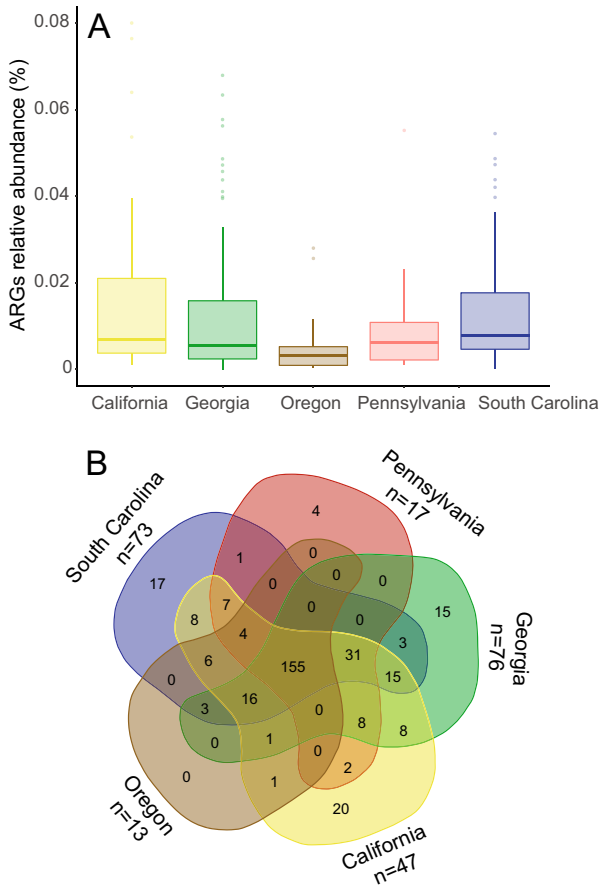

Figure 4. Antibiotic resistance genes characterization by state. (**A**) Relative abundance (%) of antibiotic resistance genes (ARGs) compared to overall microbiome composition identified by state. (**B**) Venn diagram showing shared ARG types by state. 155 ARGs types were core to all states (center of diagram), with unique ARG types identified in single state reported at the edge of the diagram. *N*'s represent number of patient samples by state.

compare microbiome compositions across a given variable; here, our enterotype cluster assignments. We used the permutational multivariate analysis of variance (adonis) to test whether the clustering by our Enterotype classification was supported. The PAM clustering reported a $P = 0.001$; $R^2 = 0.17$, while Bray–Curtis reported a $P = 0.001$; $R^2 = 0.32$, confirming that the Enterotypes are indeed different in terms of the composition and represent distinct compositional states. Furthermore, absolute abundances as measured via quantitative PCR targeting the *Bifidobacterium* genus, also confirmed a significantly higher abundance of *Bifidobacterium* within the *Bifidobacteriaceae*-driven enterotype compared to the *Enterobacteriaceae* ($P < 0.0001$, Holm-adjusted Dunn's) or *Bacteroidaceae* ($P < 0.0001$, Holm-adjusted Dunn's). Subjects in each enterotype did not significantly differ according to diet, location, or sex. However, when considering age, there was a significant difference between the *Bifidobacteriaceae* and *Enterobacteriaceae* enterotypes ($P < 0.0001$, Bonferroni).

Analysis of the resistome composition measured by the total amount of ARGs identified amongst enterotypes, showed a significant difference in reductions of the total abundance of ARGs in the samples clustering within the *Bifidobacteriaceae* enterotype compared to *Enterobacteriaceae* ($P = 0.0004$; Bonferroni) and *Bacteroidaceae* ($P = 0.006$; Bonferroni) enterotypes. No significant differences in the abundance of ARGs were observed between the *Enterobacteriaceae* and *Bacteroidaceae* enterotypes ($P = 0.3$; Bonferroni).

To determine if the enterotype classification was related to the HMO-metabolism potential in the microbiomes at the functional level, we determined the abundance of ortholog genes (KOs) involved in the uptake, degradation and metabolism of HMO in each of the enterotypes. We found that, on average, microbiomes belonging to the *Bifidobacteriaceae* enterotype had a significantly increased capacity for utilization of HMO (119 CPM, mean) compared to the *Bacteroidaceae* (43 CPM, mean; $P < 0.0001$; Holm-adjusted Dunn's) and *Enterobacteriaceae* enterotypes (47 CPM, mean; $P < 0.0001$; Holm-adjusted Dunn's) enterotypes. The HMO-metabolism potential was also significantly different between *Bacteroidaceae* and *Enterobacteriaceae* enterotypes ($P = 0.04$; Holm-adjusted Dunn's). When grouping KOs by function, on average, those related to the uptake and degradation of sialylated HMOs were significantly more abundant in the *Bifidobacteriaceae* (69.7 CMP, mean) and the *Bacteroidaceae* (51.4 CMP, mean) enterotype compared to the *Enterobacteriaceae* (1.23 CMP, mean) enterotypes ($P < 0.0001$ and $P < 0.0001$, respectively), but not significantly different between the *Bifidobacteriaceae* and *Bacteroidaceae*

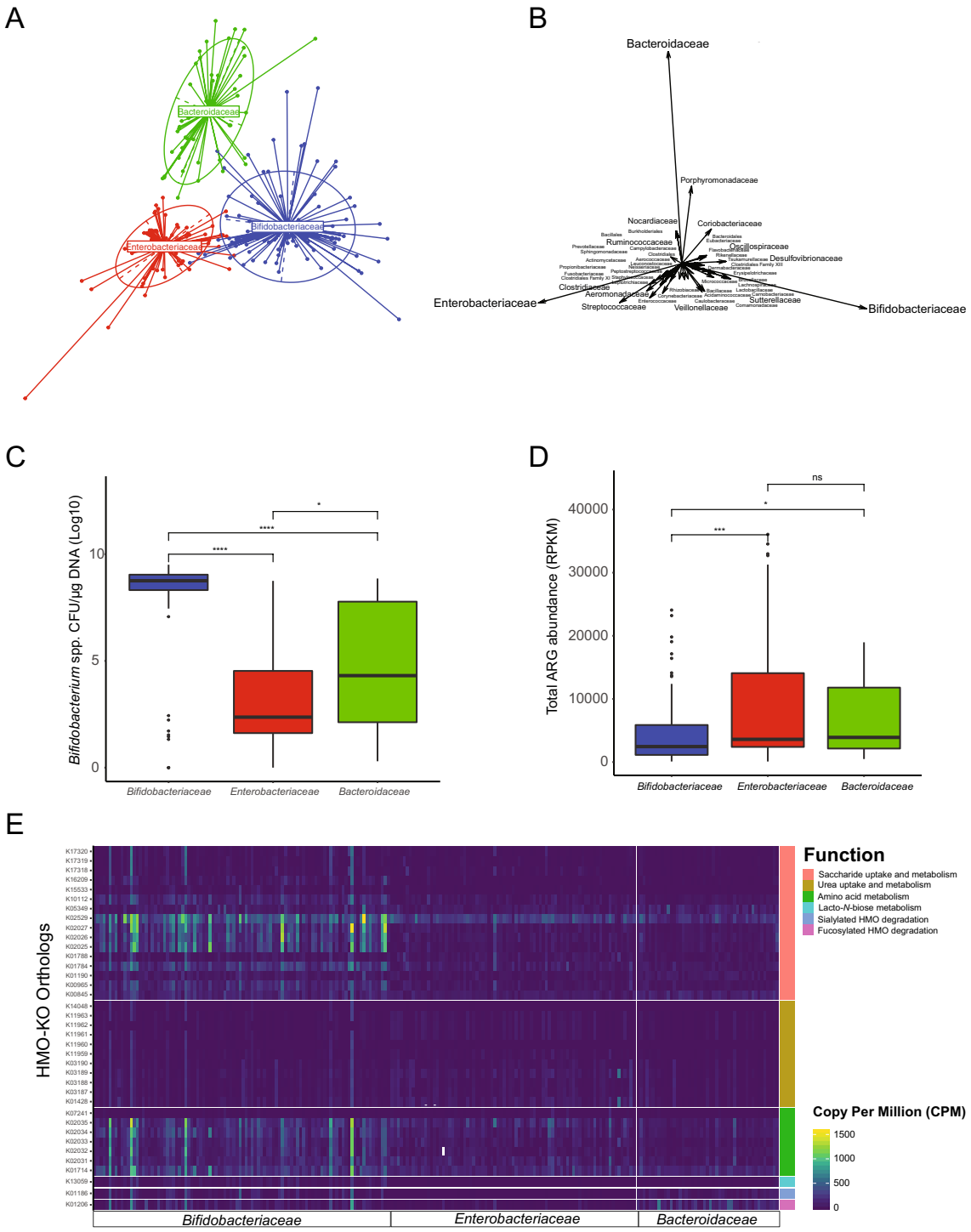

Figure 5. Enterotype grouping, *Bifidobacterium* abundance and functional gene annotation. (**A**) Enterotype analysis of samples at the family level. Samples clustered in three different enterotypes reported by different colors. In the center of the cluster is shown the main bacterial family responsible for the enterotype formation. (**B**) Bacterial families driving enterotype formation. Longer arrows indicate a stronger contribution. (**C**) Quantification of total *Bifidobacterium* spp. by enterotype. (**D**) Abundance of ARGs in all samples grouped by enterotype. (**E**) Heatmap showing relative abundance and functional annotation of KEGG orthologous genes related to HMO-utilization across enterotypes.

enterotypes ($P = 0.32$; Wilcoxon-FDR). Functions related to lacto-*N*-biose metabolism were significantly different in all three enterotypes with the *Bifidobacteriacea* enteroype encoding the most functions (50.3 CMP, mean) and the *Enterobacteriaceae* enterotype encoding the least (0.62 CMP, mean). The ability to degrade fucosylated

HMO was also differentially significant between enterotypes but was higher in the *Bacteroidaceae* enterotypes (159.9 CMP, mean), followed by the *Bifidobacteriacea* (97.7 CMP, mean) and the *Enterobacteriaceae* (13.8 CMP, mean). Orthologous genes encoding functions related to the transport and catabolism of mono and polysaccharides were not significantly different between the *Bacteroidaceae* (49.5 CPM, mean) and *Enterobacteriaceae* (52.0 CPM, mean) enterotypes ($P = 0.48$; Wilcoxon-FDR), but were significantly higher in the *Bifidobacteriaceae* enteroype (162 CPM, mean) compared to the *Bacteroidaceae* ($P < 0.0001$; Wilcoxon-FDR) and the *Enterobacteriaceae* ($P < 0.0001$; Wilcoxon-FDR) enterotypes. Urea-related KOs were not statistically different between *Bifidobacteriaceae* (26.1 CPM, mean) and *Enterobacteriaceae* (28.6 CPM, mean) enterotypes ($P = 0.84$; Wilcoxon-FDR), but were significantly lower in the *Bacteroidaceae* (13.5 CPM, mean) compared to the *Bifidobacteriaceae* ($P < 0.0001$; Wilcoxon-FDR) and the *Enterobacteriaceae* ($P < 0.0001$; Wilcoxon-FDR) enterotypes (Fig. 5). Finally, we determined the number of samples that had a complete set of HMO-utilization orthologous genes. We found that only 16 out of 227 had the complete set of these KO functions. Amongst them, more than half ($n = 9$) where classified in the *Bifidobacteriaceae* enterotype, while 5 were in *Bacteroidaceae* and 2 in the *Enterobacteriaceae* enterotype. By location, 5 infants were in California, 4 in Oregon, and 7 in South Carolina. By age, 5 infants were in the 4–6-month age block and the rest were 3 months or less. Individual family microbiome composition of the top bacterial families (≥ 1% relative abundance, on average), and sorted by enterotype classification, is also reported in Supplementary Fig. 5.

Discussion

In the past few years, reliable evidence has emerged on the status of the US infant gut microbiome showing a general trend toward dysbiosis and associated negative acute- and long-term health consequences[23,30–32]. However, to date, researchers have derived conclusions mainly from single-site microbiome studies, which are often limited to a geographical area where samples were collected, or small association studies that carry inherent limits in terms of reproducibility of methodologies from sample collection to analysis. Furthermore, most infant microbiome studies in the US have focused on preterm infants, who are a very distinct population, experiencing epithelial gut immaturity and with a high degree of microbiome instability and a more severe dysbiosis compared to what is observed in term infants[31,33].

Here, we aimed to broadly sample infants in the US across multiple geographies, in order to establish an understanding of the current status of the infant gut microbiome. Even though only five states were analyzed, our results suggest strong similarities across the research site regions, which appears to be independent of location, age and feeding modality (Fig. 1). Predominantly, 10 bacterial families accounted for 93% of the overall microbiome, while 40 families accounted for the remaining 7% on average. Amongst the 10 most abundant families, the majority were composed of potentially pathogenic species. Of the most abundant, the highest overall was *E. coli* (12.6% mean abundance), followed by *Klebsiella pneumoniae* (7% mean abundance). While the pathogenicity of these taxa is not universal[34,35], in infants, the overrepresentation of γ-Proteobacteria, which includes the genera *Escherichia* and *Klebsiella*, are implicated in mediating pro-inflammatory responses associated with negative pediatric health outcomes[23,36,37].

Several other bacterial species implicated with negative pediatric health outcomes, including sepsis and necrotizing enterocolitis (NEC) were identified[38,39]. For example, we detected relatively high levels of *Klebsiella oxytoca* (2.5% mean abundance) and *Enterobacter cloaceae* (2.7% mean abundance), both well described species related to NEC and *Streptococcus agalactiae* (Group B Strep; 0.01% mean abundance), which remains the primary cause of neonatal sepsis[40,41]. Infant microbiomes from across the US, irrespective of location, diet, or age could be classified into three distinct enterotypes, driven by abundances of *Bifidobacteriaceae* (43.6% mean abundance, $n = 99$), *Enterobacteriaceae* (35.7% mean abundance, $n = 81$), or *Bacteroidaceae* (20.7% mean abundance, $n = 47$). Infants classified as *Enterobacteriaceae* enterotype were typified by the highest relative abundance of *Enterobacteriaceae,* and the highest abundance of antibiotic resistance genes (ARGs) (Fig. 5D). We detected a high amount of ARGs in a small number of species, with more than half of the genes associated with multi-drug resistance (Supplementary Fig. 3). Infants classified within the *Bifidobacteriaceae* enterotype had a lower abundance of pathogenic bacteria and ARGs compared to the infants in the other two enterotypes. These results are in accordance with previous reports showing microbiomes rich in *Bifidobacterium* carry fewer ARGs[29,42] and have a lower abundance of *Enterobacteriaceae*. The antagonistic effects exerted by bifidobacteria against *Enterobacteriaceae,* which are known to carry a wide array of ARGs, may contribute to this association[43–45]. Interestingly, we did find specific ARG signatures by state. Particularly, 20 ARGs were found in this study to be uniquely present in Southern California and were the same genes previously reported in a Northern California infant microbiome study[46]. This suggests that there might be distinct resistomes by different geographical area, which may coincide with regional disparities in antibiotic use and stewardship[47] and may warrant further investigation.

The delivery of ecosystem services in the infant gut such as impeding colonization of infectious bacteria are dependent on the efficient utilization of human milk oligosaccharides (HMOs) for the production of organic acids[8,44]. As HMO consumption is pivotal to the establishment of a bifidobacteria-rich microbiota in breastfed infants, the abundance of genes related to the uptake of HMO correlates strongly with the abundance of *Bifidobacterium* in infants from different nations, including the US[48]. Therefore, we screened our data for the presence of HMO-related orthologous genes known to be fundamental for the complete metabolism of HMOs[27]. The analysis of such orthologous (HMO-KO) by enterotype revealed that there was a significantly higher presence of these crucial genes in the *Bifidobacteriaceae*-driven enterotype compared to the other enterotypes. However, we found that although 43.6% of infants ($n = 99$) were classified as having a *Bifidobacteriaceae*-driven enterotype, the microbiomes of only a small subset ($n = 16$) of infants carried all the KO-HMO functions. Notably, HMO assimilation abilities significantly vary among different species and strains of *Bifidobacterium*[48,49]. Therefore, it is likely that species within the *Bifidobacteriaceae*-enterotypes were limited in the ability to access HMOs. Some

Bifidobacterium (e.g., *B. bifidum*[50]) and *Bacteroides* possess enzymes for the purpose of degrading mucin glycans that hold structural similarities with HMO[51,52]. This may explain why functions related to sialic acid, which decorates both mucin and HMOs, were not differentially abundant between the *Bifidobacteriaceae* and *Bacteroidaceae* enterotypes. This idea is further supported by the fact that only 10% of the samples ($n=23$) showed detectable *B. infantis,* which is the only known species fully equipped and ecologically adept at capturing, transporting and metabolizing HMOs[26]. Further, only a small number of these samples where *B. infantis* was detected (3% of total samples, $n=6$) exhibited a microbiome composition characterized by a high abundance of *B. longum* species (inclusive of *B. infantis*) demonstrative of the efficient provision of ecosystem services[8].

The absence or substantial decrease of *B. infantis* during the first trimester postnatal has been associated with (1) higher susceptibility to invasion of allochthonous bacteria with pathogenic potential[31,44]; (2) higher levels of ARGs[29] and virulence factors[53]; (3) increased enteric inflammation[23]; (4) progressive mucus erosion compromising the intestinal mucosal barrier [54]; (5) limited conversion of HMOs into organic acids[31]; (6) limited HMO-derived nutritional absorption[8]; and (7) altered response to vaccines[21]. Together, data generated in this study demonstrate that *B. infantis,* which is considered a key infant gut symbiont that has co-evolved with the host to provide important ecosystem services, is exceptionally rare among infants in the US[8,26,27,55].

Our study carries the limitations of a cross-sectional study and infants analyzed were mostly located in urban and suburban areas and may not be representative of rural populations[56,57]. Also, the use of medications (e.g. antibiotics) and delivery mode are known to alter the microbiome[58,59], but the impact of these interventions was not examined in the context of this study. However, we note that the aim of this study was to gain insight into infant gut microbiome compositions as they exist among the population and characterize the functional capacities of these communities, rather than to identify the relative impact of medically necessary interventions on the gut microbiome of infants. Further, associations between these interventions and the gut microbiome may be context-dependent, and connections between cesarean section delivery on the infant gut microbiome in the US do not match observations in Bangladesh[11,20].

In conclusion, our survey highlights the microbiome composition and its metabolic capacity among infants in the US. Given recent findings linking the microbiome in early life to key elements of infant health and the understanding of this community has improved, our findings reveal that infants in the US have microbiomes that may fail to provide functions necessary in early life including shaping the immune system, protecting against pathogen colonization, and maximizing nutrition from breastmilk (e.g. HMOs). These diminished ecosystem services suggest that these communities could thus be classified as dysbiotic[8]. Future efforts should be directed to determine the cause and extent of these results and confirm relevance more broadly and in specific populations of concern. No matter the cause, these findings demonstrate a need to develop interventions that address the dysbiosis reported here, considering microbiome functional deficiencies and restoring the necessary ecosystem services to infants.

Methods

Sample collection. The study was conducted at five pediatrician offices and two breastfeeding support centers across five geographically diverse states (California, Georgia, Oregon, Pennsylvania and South Carolina). The experimental protocol was approved by Advarra Central IRB (IRB Registration number: 00000971). All methods were carried out in accordance with relevant guidelines and regulations set forth by the Declaration of Helsinki. Informed consent was obtained from a parent or legal guardian of all participants in the study. Generally healthy aged 0–6 months infants were enrolled. Participants were excluded if they presented with jaundice at the time of enrollment, were undergoing current antibiotic treatment, or were diagnosed with carbohydrate malabsorption syndrome. Site personnel processed fresh diapers within eight hours of receipt. If they could not be processed within 8 h, diapers were frozen at − 20 °C for up to 72 h and thawed for 1 h prior to processing. Site personnel collected stool swabs from each diaper and placed them in a barcoded collection tube containing DNA/RNA Shield stabilization buffer (Zymo Research, Irvine CA) and lysis beads. Stool swab samples in stabilization buffer were stored at room temperature. Additionally, staffs were instructed to aliquot at least a bean-sized amount of stool into an empty, barcoded specimen tube. This aliquot was stored at − 20 °C prior to shipment. All samples were shipped on dry ice to Evolve BioSystems, Inc. Upon receipt, all samples were stored at − 80 °C until further processing. 229 stool samples were collected during the enrollment period but only 227 passed final quality filtering.

DNA extraction and metagenomics sequencing. gDNA was extracted from 229 stool swab samples stored in DNA/RNA shield lysis tubes (Zymo Research, Irvine CA) using the ZymoBIOMICS 96 MagBead DNA kit (Zymo Research, Irvine CA). Extracted DNA was quantified using QuantIT dsDNA Assay kit, high sensitivity (ThermoFisher Scientific, Waltham, MA) according to the manufacturer's protocol. 2 Samples did not meet library preparation input specifications and were omitted from downstream analysis. Libraries were prepared for each sample using the Illumina Nextera DNA Flex library kit (Illumina, San Diego, CA) with unique dual indexes according to manufacturer guidelines. Libraries were pooled and submitted to UC Davis DNA Technologies core for sequencing on the Illumina NovaSeq S4 flow cell. (Illumina, San Diego, CA). Each lane of the S4 flow cell contained 96 libraries.

Total *Bifidobacterium* was quantified using a standard curve Taqman-based quantitative PCR assay as previously described using the Bif F, Bif R and Bif P primer/probe set[31,60]. The primer final concentrations were adjusted to 900 nM. Quantification of the total *B. infantis* was performed by quantitative real-time PCR using Blon_2348 sialidase gene primers Inf2348F (5′-ATA CAG CAG AAC CTT GGC CT-3′), Inf2348_R (5′-GCG ATC ACA TGG ACG AGA AC-3′), and Inf2348_P (5′-/56-FAM/TTT CAC GGA /ZEN/TCA CCG GAC CAT ACG/3lABkFQ/-3′)[61]. Each reaction contained 10 µL of 2 × TaqMan Universal Master Mix II with UNG master

mix (ThermoFisher Scientific, Waltham, MA), 0.9 µM of each primer, 0.25 µM probe and 5 µL of template DNA. Thermal cycling was performed on a QuantStudio 3 Real-Time PCR System and consisted of an initial UNG activation step of 2 min at 50 °C followed by a 10 min denaturation at 95 °C, succeeded by 40 cycles of 15 s at 95 °C and 1 min at 60 °C. Standard curves for absolute quantification were generated using genomic DNA extracted from a pure culture of *B. infantis* EVC001.

Quality filtering and removal of human sequences. Quality filtering and removal of human sequences were performed following a previously described pipeline[29]. Demultiplexed Fastq files from NovaSeq were quality filtered using Trimmomatic v0.36[62] with default parameters. Quality-filtered sequences were screened to remove human sequences using GenCoF v1.0[63] against a non-redundant version of the Genome Reference Consortium Human Build 38, patch release 7 (GRCh38_p7; www.ncbi.nlm.nih.gov). Human sequence-filtered raw reads were deposited in the Sequence Read Archive (SRA; https://www.ncbi.nlm.nih.gov/sra) under the reference number PRJNA633576.

Taxonomic and strain profiling. Taxonomic and strain profiling was performed as previously described[29]. Taxonomic profiling of the metagenomic samples was performed using MetaPhlAn2[64], which uses a library of clade-specific markers to provide pan microbial (bacterial, archaeal, viral, and eukaryotic) profiling (http://huttenhower.sph.harvard.edu/metaphlan2), in combination with HUMAnN2[65] to profile functional metagenomics against Uniref90 following the updated global profiling of the Human Microbiome Project (2017)[66]. Strain-specific gene markers were used to determine the presence of *B. longum* subs. *infantis* as previously described[29]. Cross database annotations (e.g., UniProt to KEGG) were performed within Humman2 using the "utility_mapping" conversion tool package.

Antibiotic resistance gene analysis. Antibiotic resistance gene analysis was computed as previously described[29]. We applied ShortBRED[67,68] to profile antibiotic resistance (AR) abundance and composition in the infant gut microbiome. We first produced a set of new AR marker sequences by applying ShortBRED-Identify to the Comprehensive Antibiotic Resistance Database database (CARD)[69]. We then used ShortBRED-Quantify to profile the relative abundance of corresponding antibiotic resistance genes (ARGs). Final values were normalized in Reads Per Kilobase per Million mapped reads (RPKM) to account for sequencing depth as well as gene length. We used custom scripts to collapse CARD individual antibiotic resistance gene entries in their corresponding drug class. Conversion rules are offered within every CARD package update.

Statistical analysis. All statistical analyses were performed in R v3.6.2. A Kruksal-Wallis one-way analysis of variance coupled with an FDR or Bonferroni correction was used for statistical comparisons between individual genes and taxa among groups. Statistical analysis to assess total resistome or enterotype composition by group was performed using a Mann–Whitney or Holm–adjusted Dunn's test. Rarefaction curves were computed to estimate the diversity of the identified ARGs across samples. A nonparametric two-sample t-test was used to compare rarefaction curves using Monte Carlo permutations ($n = 999$). The microbiome multivariable association analysis with linear models was perfomed using MaAsLin2 (https://huttenhower.sph.harvard.edu/maaslin/), by including all the clinical variables presented in the Supplementary Table 1 to test for microbiome differences at the family level according to metadata. All variables were run as fixed effects, except for the variable "State", which was run as a random effect for the model (Supplementary Table 1). Enterotype analysis was performed as previously described[70]. Principal component analysis and Bray–Curtis beta diversity to confirm enterotype classification was performed as previously decribed[29], and confirmed with a permutational multivariate analysis of variance (adonis) to test whether the clustering by our Enterotype classification was supported. The *P*-values throughout the manuscript are represented by asterisks ($*P < 0.05$; $**P < 0.01$; $***P < 0.001$; $****P < 0.0001$).

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Author contributions

G.C., R.M.D., H.B., S.K., R.D.M., S.C. and S.A.F. processed and analyzed the data. O.C., R.L.F., B.M.H. and S.L.F. organized the sample collection. All authors contributed to writing and editing and final approval of the manuscript.

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Competing interests

KGS is a professor at Stanford University. GC, RMD, HB, RDM, SK, SC, OC, RLF, SAF, BMH and SLF are employees of Evolve BioSystems, a company focused on restoring the infant microbiome. We are committed to making our raw data, materials, and analysis methods publicly available.

Additional information

Supplementary Information The online version contains supplementary material available at https://doi.org/10.1038/s41598-020-80583-9.

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Metagenomic insights of the infant microbiome community structure and function across multiple sites in the United States

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Supplemental Figure Legend:

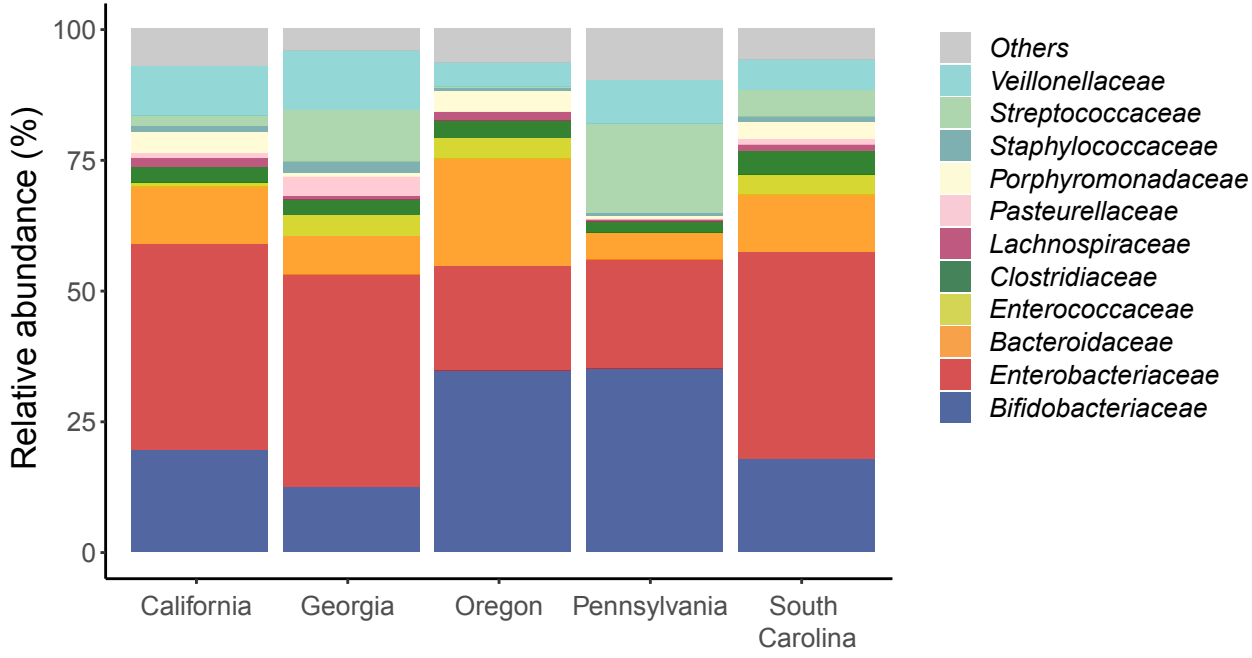
Supplemental Figure 1. Relative abundance (%) of top bacterial families identified in infants 0-3 months of age across five US states.

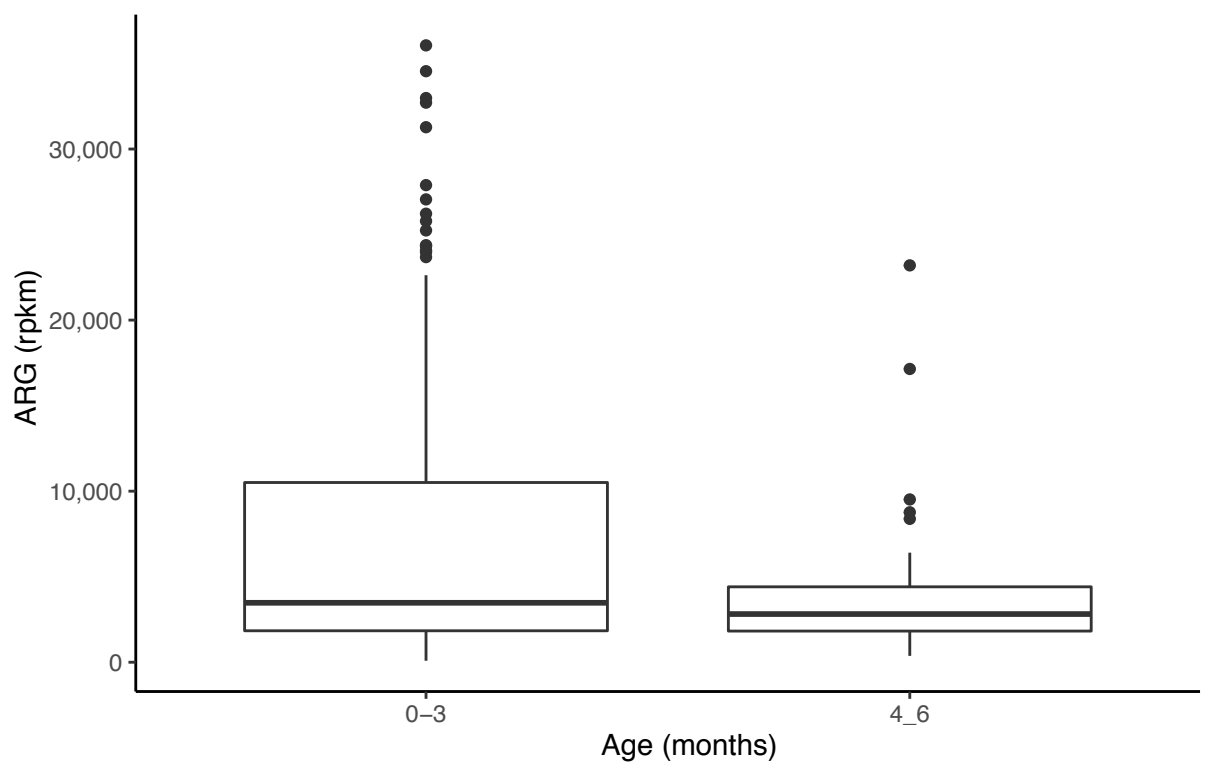
Supplemental Figure 2. Comparison of the total load of ARGs (RPKM) in the microbiome of infants between 0-3 and 4-6 months of age ($P > 0.05$).

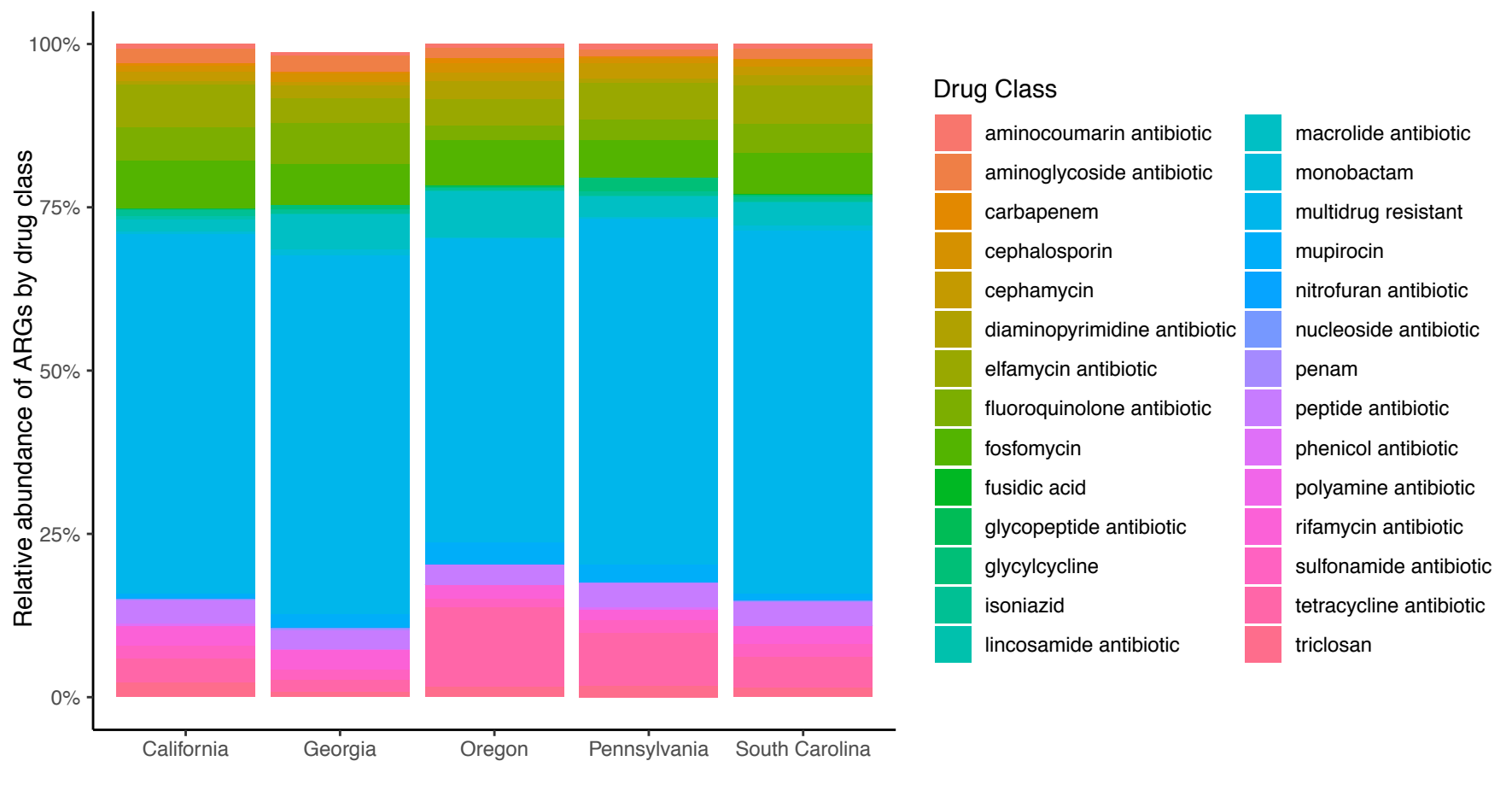
Supplemental Figure 3. Relative abundance (%) of ARGs drug class compared by state.

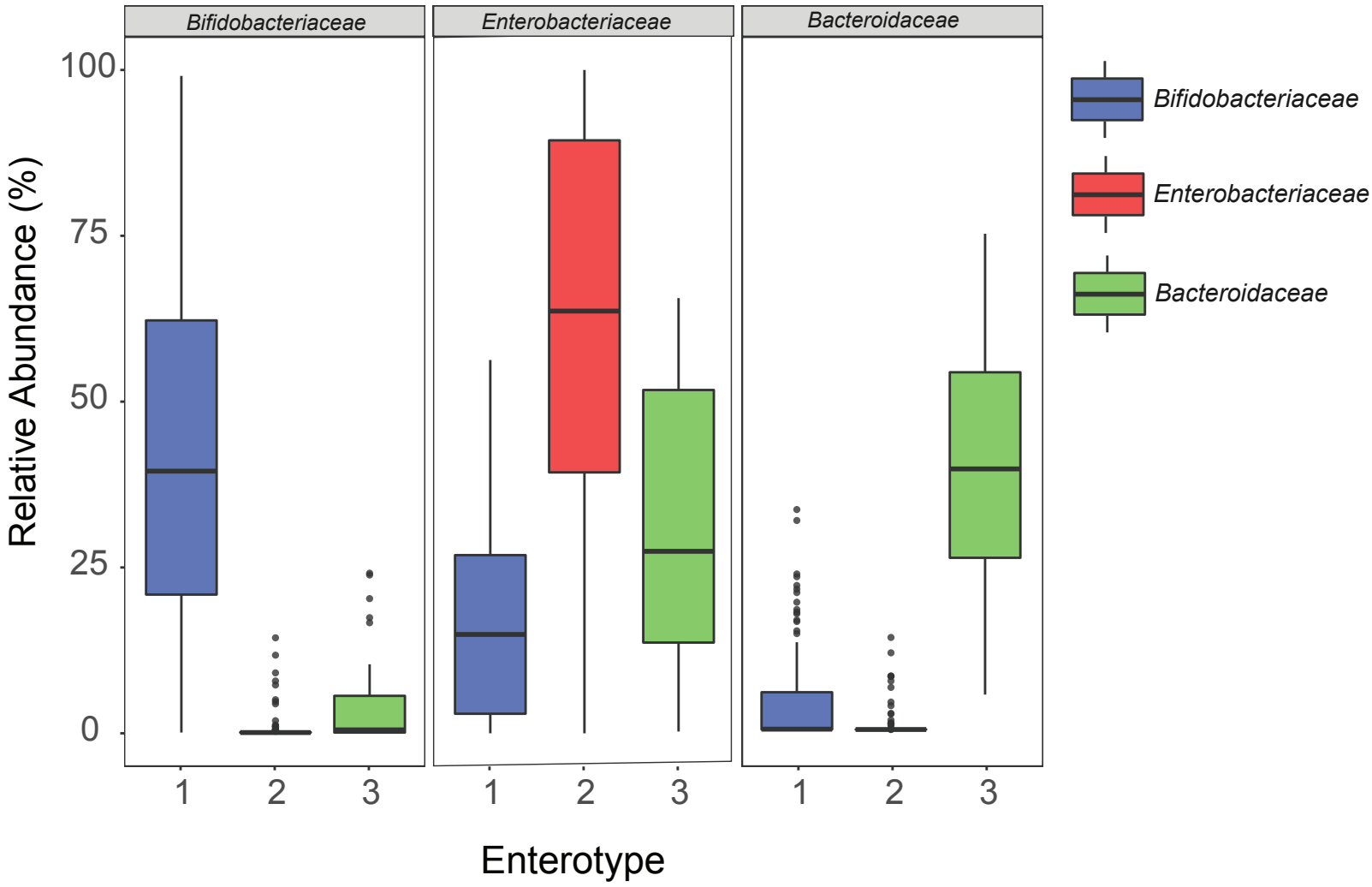
Supplemental Figure 4. Relative abundance (%) of the three main bacterial families driving the three enterotypes. Samples were grouped based on the enterotype they belong to (bottom numbers).

Supplemental Figure 5. Relative abundance (%) of top bacterial families with at least 1% in relative abundance on average and showed on a per sample basis and sorted by Enterotype.


Relative abundance (%)
100
75
50
25
0
California
Georgia
Oregon
Pennsylvania
South Carolina
Others
Veillonellaceae
Streptococcaceae
Staphylococcaceae
Porphyromonadaceae
Pasteurellaceae
Lachnospiraceae
Clostridiaceae
Enterococcaceae
Bacteroidaceae
Enterobacteriaceae
Bifidobacteriaceae


ARG (rpkm)
30,000
20,000
10,000
0
0–3
4_6
Age (months)


Relative abundance of ARGs by drug class
100%
75%
50%
25%
0%
California
Georgia
Oregon
Pennsylvania
South Carolina
Drug Class
aminocoumarin antibiotic
aminoglycoside antibiotic
carbapenem
cephalosporin
cephamycin
diaminopyrimidine antibiotic
elfamycin antibiotic
fluoroquinolone antibiotic
fosfomycin
fusidic acid
glycopeptide antibiotic
glycylcycline
isoniazid
lincosamide antibiotic
macrolide antibiotic
monobactam
multidrug resistant
mupirocin
nitrofuran antibiotic
nucleoside antibiotic
penam
peptide antibiotic
phenicol antibiotic
polyamine antibiotic
rifamycin antibiotic
sulfonamide antibiotic
tetracycline antibiotic
triclosan


Bifidobacteriaceae
Enterobacteriaceae
Bacteroidaceae
Relative Abundance (%)
100
75
50
25
0
1
2
3
Enterotype
Bifidobacteriaceae
Enterobacteriaceae
Bacteroidaceae

Bifidobactericeae
Bacteroidaceae
Enterobacteriaceae
1.00
0.75
0.50
0.25
0.00
Relative Abundance
Samples
Family
Others
Pasteurellaceae
Lachnospiraceae
Lactobacillaceae
Porphyromonadaceae
Staphylococcaceae
Clostridiaceae
Enterococcaceae
Streptococcaceae
Veillonellaceae
Bacteroidaceae
Enterobacteriaceae
Bifidobacteriaceae

Metadata	Bacterial family	Value	Coefficient	std.err
age	Acidaminococcaceae	Less than 1 month	-0.01428145	0.00497125
age	Acidaminococcaceae	2-3 months	-0.01652636	0.00672476
age	Bacillales_noname	Less than 1 month	0.00552691	0.00179343
diet	Bacillales_noname	Mixed	-0.00379893	0.00141951
age	Bacteroidaceae	5-6 months	0.42760446	0.12076184
age	Bifidobacteriaceae	Less than 1 month	-0.2703247	0.08231439
age	Carnobacteriaceae	4-5 months	0.00210504	0.00082027
race	Clostridiaceae	Black or African America	0.446672	0.1819145
sex	Clostridiaceae	Unknown	0.46011819	0.16904321
age	Clostridiales_noname	5-6 months	0.05422913	0.01620966
age	Clostridiales_noname	2-3 months	0.02985461	0.01086016
age	Clostridiales_noname	3-4 months	0.03457775	0.01272788
diet	Clostridiales_noname	Infant Formula	0.02059722	0.00743377
race	Clostridiales_noname	Black or African America	0.11345366	0.03194672
age	Coriobacteriaceae	5-6 months	0.10384111	0.02288367
age	Coriobacteriaceae	2-3 months	0.06488361	0.01531616
age	Coriobacteriaceae	4-5 months	0.0533813	0.01780824
diet	Coriobacteriaceae	Infant Formula	0.04027621	0.01047983
diet	Desulfovibrionaceae	Unknown	0.12884072	0.05128961
race	Desulfovibrionaceae	White	-0.03533295	0.01375432
age	Erysipelotrichaceae	2-3 months	0.06460554	0.0230379
age	Eubacteriaceae	5-6 months	0.0441224	0.01524299
age	Eubacteriaceae	3-4 months	0.03369759	0.01232065
age	Lachnospiraceae	4-5 months	0.13091485	0.03678439
age	Lactobacillaceae	3-4 months	-0.08186442	0.03065849
race	Lactobacillaceae	White	-0.29962744	0.047247
race	Lactobacillaceae	Black of African America	-0.28014249	0.04852162
race	Lactobacillaceae	Other	-0.28251812	0.05206129
race	Lactobacillaceae	Black of African America	-0.32073121	0.07711188
race	Lactobacillaceae	Asian	-0.27748703	0.07840325
race	Lactobacillaceae	Black or African America	-0.2524448	0.07696407
race	Lactobacillaceae	Black or African America	-0.31389097	0.10030867
race	Lactobacillaceae	American Indian or Alas	-0.29822852	0.09946
race	Lactobacillaceae	Asian, White	-0.29822852	0.09946
race	Lactobacillaceae	Black of African America	-0.29491565	0.10051164
race	Micrococcaceae	Black of African America	0.21919581	0.0178721
diet	Peptostreptococcaceae	Infant Formula	0.06539808	0.01544259
age	Prevotellaceae	Less than 1 month	-0.02774709	0.01126162
race	Pseudomonadaceae	Black of African America	0.02900147	0.00705827
age	Rikenellaceae	5-6 months	0.1457254	0.02004621

age	Ruminococcaceae	5-6 months	0.10663213	0.03861261
diet	Ruminococcaceae	Infant Formula	0.05666431	0.01853832
age	Staphylococcaceae	Less than 1 month	0.06268362	0.01851852
diet	Staphylococcaceae	Infant Formula	-0.04892409	0.01740202
diet	Staphylococcaceae	Mixed	-0.0372314	0.01465756
ethnicity	Staphylococcaceae	Not Hispanic or Latino	-0.29666883	0.08815389
ethnicity	Staphylococcaceae	Hispanic or Latino	-0.28268145	0.08941904
ethnicity	Staphylococcaceae	Unknown	-0.34469979	0.10882757
race	Staphylococcaceae	Black of African America	0.19839415	0.07594031
diet	Sutterellaceae	Infant Formula	0.02249283	0.00826989
age	Xanthomonadaceae	3-4 months	0.00824923	0.00267306

p-value	q-value	Bacterial family	Total average
0.00450302	0.11482714	Bifidobacteriaceae	19.93616044
0.01483222	0.23869227	Bacteroidaceae	10.49937048
0.0023449	0.07653756	Clostridiaceae	3.604656696
0.00805713	0.15570011	Lachnospiraceae	1.723628811
0.00052319	0.02846179	Staphylococcaceae	1.23427511
0.00120767	0.04996844	Lactobacillaceae	1.049940969
0.01103044	0.19567043	Ruminococcaceae	0.879060264
0.01491827	0.23869227	Erysipelotrichaceae	0.788543789
0.00705796	0.14281054	Peptostreptococcaceae	0.528630661
0.00098448	0.04462965	Coriobacteriaceae	0.500445815
0.0065196	0.14281054	Rikenellaceae	0.310477709
0.00717553	0.14281054	Prevotellaceae	0.261620176
0.00611866	0.14239967	Clostridiales_noname	0.198976035
0.00047869	0.02846179	Sutterellaceae	0.180136476
9.84E-06	0.00133869	Eubacteriaceae	0.133061013
3.45E-05	0.00363431	Desulfovibrionaceae	0.079439383
0.00306481	0.08623736	Acidaminococcaceae	0.054151189
0.00016296	0.01208851	Micrococcaceae	0.053417181
0.0127875	0.21738752	Bacillales_noname	0.00906304
0.01092458	0.19567043	Xanthomonadaceae	0.00581207
0.00553449	0.13282781	Pseudomonadaceae	0.004184581
0.00430465	0.11330949	Carnobacteriaceae	0.000717665
0.00679453	0.14281054		
0.00046405	0.02846179		
0.00820479	0.15570011		
1.47E-09	4.00E-07		
2.91E-08	5.94E-06		
1.64E-07	2.68E-05		
4.73E-05	0.00429179		
0.0004998	0.02846179		
0.00122472	0.04996844		
0.00201669	0.0715486		
0.00306009	0.08623736		
0.00306009	0.08623736		
0.00373867	0.10169193		
3.40E-26	2.77E-23		
3.56E-05	0.00363431		
0.01458069	0.23869227		
5.78E-05	0.00471388		
8.30E-12	3.39E-09		

0.00628234	0.14239967
0.00254116	0.07975341
0.00085537	0.04362388
0.00541857	0.13282781
0.01183478	0.20547197
0.00091488	0.04391425
0.00181234	0.06722125
0.00177663	0.06722125
0.0096638	0.17921952
0.00710031	0.14281054
0.00231272	0.07653756

Metagenomic insights of the infant microbiome community structure and function across multiple sites in the United States

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Supplemental Table Legend:

Supplemental Table 1. Demographic data for every samples collected in this study.

Supplemental Table 2. Complete taxonomic profile for every sample in the survey. Taxa are stratifed and reported in relative abundance (%). Same taxonomic ranks sum to 100% [e.g., K__(Kingdom);p__(Phylum);c__(Class);o__(Order);f__(Family);g__(Genus);s__(Species);t__(Strain)]

Supplemental Table 3. Antibiotic resistance genes (ARGs) identified by sample and expressed in RPKM.

Supplemental Table 4. Antibiotic resistance genes (ARGs) identified by state and expressed in mean RPKM.

Supplemental Table 5. Adonis analysis of resitome composition for individual ARG or their respective drug class by different demographic variables. Effect-size (R2) is reported to assess the strength of individual demographic variables to the overall resistome variability (R2: 0-0.2 = weak | 0.2-0.4 = mild | 0.4-0.6 = moderate | 0.6-0.8 = moderately strong | 0.8-1 = strong.

Supplemental Table 6. Results of the MaAsLin2 model showing effects of individual covariates on the bacterial families' composition in terms of coefficient and statistical significance. Total average of bacterial families is also reported for context.

Complete taxonomic profile for every sample in the survey. Taxa are stratifie

Taxa

k__Bacteria
k__Bacteria|p__Actinobacteria
k__Bacteria|p__Actinobacteria|c__Actinobacteria
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
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k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
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k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Actinomycetaceae|g__Act
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k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Actinomycetales|f__Corynebacteriaceae|g__Co

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k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Coriobacteriales
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Coriobacteriales|f__Coriobacteriaceae
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Coriobacteriales|f__Coriobacteriaceae|g__Adle
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Coriobacteriales|f__Coriobacteriaceae|g__Adle
k__Bacteria|p__Actinobacteria|c__Actinobacteria|o__Coriobacteriales|f__Coriobacteriaceae|g__Adle

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k__Bacteria|p__Firmicutes|c__Bacilli|o__Bacillales|f__Staphylococcaceae|g__Staphylococcus|s__Sta
k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales
k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales|f__Aerococcaceae
k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales|f__Aerococcaceae|g__Facklamia
k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales|f__Aerococcaceae|g__Facklamia|s__Facklan
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k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales|f__Carnobacteriaceae
k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales|f__Carnobacteriaceae|g__Dolosigranulum
k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales|f__Carnobacteriaceae|g__Dolosigranulum|s
k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales|f__Carnobacteriaceae|g__Dolosigranulum|s
k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales|f__Carnobacteriaceae|g__Granulicatella
k__Bacteria|p__Firmicutes|c__Bacilli|o__Lactobacillales|f__Carnobacteriaceae|g__Granulicatella|s__
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k__Bacteria|p__Firmicutes|c__Clostridia|o__Clostridiales|f__Clostridiales_Family_XI_Incertae_Sedis|g
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k__Bacteria|p__Firmicutes|c__Clostridia|o__Clostridiales|f__Clostridiales_Family_XI_Incertae_Sedis|g
k__Bacteria|p__Firmicutes|c__Clostridia|o__Clostridiales|f__Clostridiales_Family_XI_Incertae_Sedis|g

k__Bacteria|p__Firmicutes|c__Clostridia|o__Clostridiales|f__Clostridiales_Family_XI_Incertae_Sedis|
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k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
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k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
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k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
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k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid

k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
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k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
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k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
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k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Siphovirid
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Tunalikevi
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Tunalikevi
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Caudovirales|f__Siphoviridae|g__Tunalikevi
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Herpesvirales
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Herpesvirales|f__Herpesviridae
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Herpesvirales|f__Herpesviridae|g__Roseolc
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Herpesvirales|f__Herpesviridae|g__Roseolc
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Adenoviridae
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Adenoviridae|g__Mast
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Adenoviridae|g__Mast
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Adenoviridae|g__Mast
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Adenoviridae|g__Mast
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Adenoviridae|g__Mast
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Inoviridae
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Inoviridae|g__Inovirus
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Inoviridae|g__Inovirus
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Inoviridae|g__Inovirus
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Retroviridae
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Retroviridae|g__Alphar
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Retroviridae|g__Alphar
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Retroviridae|g__Alphar
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Retroviridae|g__Gamm
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Retroviridae|g__Gamm
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Retroviridae|g__Gamm
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Viruses_noname

k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Viruses_noname|g__V
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Viruses_noname|g__V
k__Viruses|p__Viruses_noname|c__Viruses_noname|o__Viruses_noname|f__Viruses_noname|g__V
unclassified

ed and reported in relative abundance (%). Same taxonomic ranks s

average	CH04JC	CH05EC	CH0GPC	CH0I2C	CH0JEC
99.26939507	99.99882	100	100	99.99091	100
20.62137692	24.79603	0	0.14511	28.3838	0
20.62137692	24.79603	0	0.14511	28.3838	0
0.184771718	0.00406	0	0	0.00406	0
0.047589824	0.00406	0	0	0	0
8.67841E-06	0	0	0	0	0
8.67841E-06	0	0	0	0	0
8.67841E-06	0	0	0	0	0
0.03402163	0	0	0	0	0
0.008690132	0	0	0	0	0
0.008690132	0	0	0	0	0
0.001935683	0	0	0	0	0
0.001935683	0	0	0	0	0
0.006449824	0	0	0	0	0
0.006449824	0	0	0	0	0
0.002726035	0	0	0	0	0
0.002726035	0	0	0	0	0
0.000596079	0	0	0	0	0
0.000596079	0	0	0	0	0
0.001248987	0	0	0	0	0
0.001248987	0	0	0	0	0
0.000233084	0	0	0	0	0
0.000233084	0	0	0	0	0
0.01214185	0	0	0	0	0
0.01214185	0	0	0	0	0
1.79736E-05	0	0	0	0	0
1.79736E-05	0	0	0	0	0
0.013541498	0.00406	0	0	0	0
0.013541498	0.00406	0	0	0	0
0.013541498	0.00406	0	0	0	0
0.001992731	0	0	0	0	0
0.001992731	0	0	0	0	0
0.000185727	0	0	0	0	0
0.000185727	0	0	0	0	0
1.40969E-06	0	0	0	0	0
1.40969E-06	0	0	0	0	0
7.15859E-05	0	0	0	0	0
7.15859E-05	0	0	0	0	0
0.000556564	0	0	0	0	0

0.000556564	0	0	0	0	0
0.000468546	0	0	0	0	0
0.000468546	0	0	0	0	0
0.000218414	0	0	0	0	0
0.000218414	0	0	0	0	0
2.70044E-05	0	0	0	0	0
2.70044E-05	0	0	0	0	0
0.00027185	0	0	0	0	0
0.00027185	0	0	0	0	0
0.000191674	0	0	0	0	0
0.000191674	0	0	0	0	0
0.000749868	0	0	0	0	0
0.000749868	0	0	0	0	0
0.000749868	0	0	0	0	0
0.000749868	0	0	0	0	0
0.053417181	0	0	0	0	0
6.24229E-05	0	0	0	0	0
3.06167E-05	0	0	0	0	0
3.06167E-05	0	0	0	0	0
3.17621E-05	0	0	0	0	0
0.053354758	0	0	0	0	0
0.049345066	0	0	0	0	0
0.049345066	0	0	0	0	0
0.004009956	0	0	0	0	0
0.000124493	0	0	0	0	0
0.000124493	0	0	0	0	0
0.000124493	0	0	0	0	0
0.000124493	0	0	0	0	0
0.080854802	0	0	0	0.00406	0
0.01289304	0	0	0	0.00167	0
0.067961806	0	0	0	0.00238	0
0.000612335	0	0	0	0.00238	0
0.000612335	0	0	0	0.00238	0
0.067270573	0	0	0	0	0
0.067270573	0	0	0	0	0
7.89427E-05	0	0	0	0	0
7.89427E-05	0	0	0	0	0
4.29515E-05	0	0	0	0	0
4.29515E-05	0	0	0	0	0
4.29515E-05	0	0	0	0	0
19.93616044	24.55165	0	0	28.37974	0

19.93616044	24.55165	0	0	28.37974	0
0.002349471	0	0	0	0	0
0.002349471	0	0	0	0	0
0.002349471	0	0	0	0	0
19.92789608	24.55165	0	0	28.37974	0
0.325244141	0.00025	0	0	0	0
0.325244141	0.00025	0	0	0	0
0.031392819	0	0	0	0	0
0.031392819	0	0	0	0	0
0.097715507	0.02396	0	0	0	0
0.097715507	0.02396	0	0	0	0
3.751070176	10.77121	0	0	0.84018	0
3.751070176	10.77121	0	0	0.84018	0
5.830815419	1.89926	0	0	0	0
5.830815419	1.89926	0	0	0	0
0.053317621	0	0	0	0	0
0.053317621	0	0	0	0	0
1.016759031	0	0	0	0	0
1.016759031	0	0	0	0	0
8.545499427	11.80792	0	0	27.53956	0
8.472568282	11.80792	0	0	21.41692	0
0.072931233	0	0	0	6.12265	0
0.271540793	0.04906	0	0	0	0
0.271540793	0.04906	0	0	0	0
0.004541101	0	0	0	0	0
0.004541101	0	0	0	0	0
0.002842643	0	0	0	0	0
0.002842643	0	0	0	0	0
0.002842643	0	0	0	0	0
0.000871982	0	0	0	0	0
0.000871982	0	0	0	0	0
0.000871982	0	0	0	0	0
0.002200044	0	0	0	0	0
2.77974E-05	0	0	0	0	0
0.002172247	0	0	0	0	0
0.002172247	0	0	0	0	0
0.500445815	0.24031	0	0.14511	0	0
0.500445815	0.24031	0	0.14511	0	0
0.003051938	0	0	0	0	0
0.003051938	0	0	0	0	0
0.003051938	0	0	0	0	0

0.00421978	0	0	0	0	0
1.14537E-05	0	0	0	0	0
1.14537E-05	0	0	0	0	0
0.004119559	0	0	0	0	0
0.004119559	0	0	0	0	0
8.87665E-05	0	0	0	0	0
8.87665E-05	0	0	0	0	0
0.431888987	0.05111	0	0	0	0
0.258120485	0.05111	0	0	0	0
0.258120485	0.05111	0	0	0	0
0.035256476	0	0	0	0	0
0.035256476	0	0	0	0	0
0.014318414	0	0	0	0	0
0.014318414	0	0	0	0	0
0.029614229	0	0	0	0	0
0.029614229	0	0	0	0	0
0.094579427	0	0	0	0	0
3.53744E-05	0	0	0	0	0
3.53744E-05	0	0	0	0	0
3.53744E-05	0	0	0	0	0
0.05638348	0.1892	0	0.14511	0	0
0.005459075	0	0	0.03624	0	0
0.005459075	0	0	0.03624	0	0
0.003326167	0	0	0	0	0
0.003326167	0	0	0	0	0
0.047598282	0.1892	0	0.10887	0	0
0.004215815	0	0	0	0	0
0.004215815	0	0	0	0	0
0.004215815	0	0	0	0	0
0.000332643	0	0	0	0	0
0.000332643	0	0	0	0	0
0.000332643	0	0	0	0	0
0.000317885	0	0	0	0	0
0.000301057	0	0	0	0	0
0.000301057	0	0	0	0	0
1.68282E-05	0	0	0	0	0
13.61376463	48.74385	0	0	13.15756	0
13.61353969	48.74385	0	0	13.15756	0
13.61353969	48.74385	0	0	13.15756	0
10.49937048	11.22367	0	0	13.15756	0
10.49937048	11.22367	0	0	13.15756	0

0.547041322	0.01743	0	0	0	0
0.539383392	0.01743	0	0	0	0
0.00765793	0	0	0	0	0
0.145035947	0	0	0	0	0
0.145035947	0	0	0	0	0
0.000149515	0	0	0	0	0
0.000149515	0	0	0	0	0
0.001367137	0	0	0	0	0
0.001367137	0	0	0	0	0
0.172026432	0	0	0	0	0
0.172026432	0	0	0	0	0
1.478977048	0.00456	0	0	12.53221	0
1.478977048	0.00456	0	0	12.53221	0
0.000159648	0	0	0	0	0
0.000159648	0	0	0	0	0
0.045052907	0.00211	0	0	0	0
0.045052907	0.00211	0	0	0	0
0.116910176	0	0	0	0	0
0.116910176	0	0	0	0	0
3.350120749	0.03969	0	0	0.15451	0
3.350120749	0.03969	0	0	0.15451	0
0.00075674	0	0	0	0	0
0.00075674	0	0	0	0	0
0.232358855	0.00558	0	0	0	0
0.232358855	0.00558	0	0	0	0
0.000575639	0	0	0	0	0
0.000575639	0	0	0	0	0
0.597730308	6.07594	0	0	0.00091	0
0.489716388	6.07594	0	0	0.00091	0
0.108013921	0	0	0	0	0
0.007011542	0	0	0	0	0
0.007011542	0	0	0	0	0
0.000741542	0	0	0	0	0
0.000741542	0	0	0	0	0
0.165050485	0	0	0	0	0
0.165050485	0	0	0	0	0
0.387705463	5.03971	0	0	0.44335	0
0.387705463	5.03971	0	0	0.44335	0
0.481638018	0.02567	0	0	0	0
0.481638018	0.02567	0	0	0	0
0.512439295	0.00212	0	0	0.02334	0

0.505498899	0.00212	0	0	0.02334	0
0.006940396	0	0	0	0	0
2.243068458	0.01087	0	0	0.00324	0
2.243068458	0.01087	0	0	0.00324	0
0.013453436	0	0	0	0	0
0.013453436	0	0	0	0	0
5.72247E-05	0	0	0	0	0
5.72247E-05	0	0	0	0	0
5.72247E-05	0	0	0	0	0
5.72247E-05	0	0	0	0	0
2.542013744	37.23609	0	0	0	0
0.053745551	0.01379	0	0	0	0
0.053745551	0.01379	0	0	0	0
0.053745551	0.01379	0	0	0	0
0.000625419	0	0	0	0	0
0.000625419	0	0	0	0	0
0.000625419	0	0	0	0	0
0.005595022	0	0	0	0	0
3.21586E-05	0	0	0	0	0
3.21586E-05	0	0	0	0	0
0.003600617	0	0	0	0	0
0.003600617	0	0	0	0	0
0.001962247	0	0	0	0	0
0.010046432	0	0	0	0	0
0.00997674	0	0	0	0	0
0.00997674	0	0	0	0	0
6.96916E-05	0	0	0	0	0
2.470952379	37.2223	0	0	0	0
0.617376256	0	0	0	0	0
0.617376256	0	0	0	0	0
0.005794581	0	0	0	0	0
0.005794581	0	0	0	0	0
0.001857489	0	0	0	0	0
0.001857489	0	0	0	0	0
0.343207269	37.2223	0	0	0	0
0.343207269	37.2223	0	0	0	0
0.069422819	0	0	0	0	0
0.069422819	0	0	0	0	0
1.433293789	0	0	0	0	0
0.001049031	0	0	0	0	0
9.23789E-05	0	0	0	0	0

9.23789E-05	0	0	0	0	0
0.000920793	0	0	0	0	0
0.000920793	0	0	0	0	0
3.02643E-05	0	0	0	0	0
3.02643E-05	0	0	0	0	0
5.59471E-06	0	0	0	0	0
5.59471E-06	0	0	0	0	0
0.261620176	0.28264	0	0	0	0
0.261620176	0.28264	0	0	0	0
1.61233E-05	0	0	0	0	0
1.61233E-05	0	0	0	0	0
0.000951806	0	0	0	0	0
0.000951806	0	0	0	0	0
5.24229E-06	0	0	0	0	0
5.24229E-06	0	0	0	0	0
0.234343436	0.28264	0	0	0	0
0.234343436	0.28264	0	0	0	0
0.001451013	0	0	0	0	0
0.001451013	0	0	0	0	0
0.024306916	0	0	0	0	0
0.024306916	0	0	0	0	0
0.000192203	0	0	0	0	0
0.000192203	0	0	0	0	0
2.79295E-05	0	0	0	0	0
2.79295E-05	0	0	0	0	0
0.000127797	0	0	0	0	0
0.000127797	0	0	0	0	0
0.000197885	0	0	0	0	0
0.000197885	0	0	0	0	0
0.310477709	0.00144	0	0	0	0
0.310477709	0.00144	0	0	0	0
0.005771542	0	0	0	0	0
0.005771542	0	0	0	0	0
0.002343789	0	0	0	0	0
0.002343789	0	0	0	0	0
0.151790485	0	0	0	0	0
0.151790485	0	0	0	0	0
0.126552115	0.00095	0	0	0	0
0.126552115	0.00095	0	0	0	0
0.001687665	0.00049	0	0	0	0
0.001687665	0.00049	0	0	0	0

0.003628062	0	0	0	0	0
0.003628062	0	0	0	0	0
0.018703744	0	0	0	0	0
0.000224978	0	0	0	0	0
0.000224978	0	0	0	0	0
0.000224978	0	0	0	0	0
0.000162467	0	0	0	0	0
1.65639E-05	0	0	0	0	0
1.65639E-05	0	0	0	0	0
0.000145903	0	0	0	0	0
6.2511E-05	0	0	0	0	0
6.2511E-05	0	0	0	0	0
27.42590317	16.70709	5.83829	32.43491	16.01239	12.33963
10.82097648	0.32704	0.22234	11.47497	16.00381	12.33963
1.243426344	0	0.21255	0.10924	0.91637	0.04534
8.84141E-05	0	0	0	0	0
8.84141E-05	0	0	0	0	0
8.84141E-05	0	0	0	0	0
8.84141E-05	0	0	0	0	0
0.00906304	0	0	0	0.0359	0.00475
0.00906304	0	0	0	0.0359	0.00475
0.008662952	0	0	0	0.0359	0.00274
0.008662952	0	0	0	0.0359	0.00274
3.19383E-05	0	0	0	0	0
3.19383E-05	0	0	0	0	0
0.000368106	0	0	0	0	0.00202
1.23427511	0	0.21255	0.10924	0.88047	0.04059
4.18502E-05	0	0	0	0	0
4.18502E-05	0	0	0	0	0
4.18502E-05	0	0	0	0	0
1.23423326	0	0.21255	0.10924	0.88047	0.04059
0.039661718	0	0	0	0	0
0.039661718	0	0	0	0	0
1.020673304	0	0.19147	0.07194	0.88047	0.04059
1.020673304	0	0.19147	0.07194	0.88047	0.04059
0.001816079	0	0	0	0	0
0.001816079	0	0	0	0	0
0.154357489	0	0.02109	0.03729	0	0
0.154357489	0	0.02109	0.03729	0	0
0.017715859	0	0	0	0	0
0.017715859	0	0	0	0	0

8.94273E-06	0	0	0	0	0
8.94273E-06	0	0	0	0	0
9.577550044	0.32704	0.00979	11.36574	15.08743	12.29429
0.000197753	0	0	0	0	0
0.000197753	0	0	0	0	0
0.000184581	0	0	0	0	0
0.000184581	0	0	0	0	0
1.31718E-05	0	0	0	0	0
0.000717665	0	0	0	0	0
6.02203E-05	0	0	0	0	0
6.02203E-05	0	0	0	0	0
6.02203E-05	0	0	0	0	0
0.000657445	0	0	0	0	0
4.46696E-05	0	0	0	0	0
4.46696E-05	0	0	0	0	0
2.70485E-05	0	0	0	0	0
2.70485E-05	0	0	0	0	0
0.000585639	0	0	0	0	0
2.793855683	0.29128	0	10.73242	0.45052	0.20774
2.793855683	0.29128	0	10.73242	0.45052	0.20774
0.088922026	0	0	1.40082	0	0
0.088922026	0	0	1.40082	0	0
0.042258855	0.01874	0	1.62827	0	0
0.042258855	0.01874	0	1.62827	0	0
0.004207357	0	0	0	0	0
0.004207357	0	0	0	0	0
2.174661366	0.27254	0	0.00244	0.45052	0.20774
2.174661366	0.27254	0	0.00244	0.45052	0.20774
0.414921322	0	0	7.7009	0	0
0.414921322	0	0	7.7009	0	0
0.01012348	0	0	0	0	0
0.01012348	0	0	0	0	0
0.056203128	0	0	0	0	0
0.056203128	0	0	0	0	0
0.00167163	0	0	0	0	0
0.00167163	0	0	0	0	0
2.86784E-05	0	0	0	0	0
2.86784E-05	0	0	0	0	0
1.10132E-06	0	0	0	0	0
1.10132E-06	0	0	0	0	0
0.000824934	0	0	0	0	0

0.000824934	0	0	0	0	0
3.21586E-05	0	0	0	0	0
3.21586E-05	0	0	0	0	0
1.049940969	0.02995	0	0.51921	0	0
1.047351806	0.02995	0	0.51921	0	0
6.03524E-05	0	0	0	0	0
6.03524E-05	0	0	0	0	0
3.7489E-05	0	0	0	0	0
3.7489E-05	0	0	0	0	0
0.040251233	0	0	0	0	0
0.040251233	0	0	0	0	0
1.31278E-05	0	0	0	0	0
1.31278E-05	0	0	0	0	0
0.010582819	0	0	0	0	0
0.010582819	0	0	0	0	0
0.288574846	0.01063	0	0.51921	0	0
0.288574846	0.01063	0	0.51921	0	0
0.306600529	0	0	0	0	0
0.306600529	0	0	0	0	0
0.00070304	0	0	0	0	0
0.00070304	0	0	0	0	0
0.002465639	0	0	0	0	0
0.002465639	0	0	0	0	0
0.000126652	0	0	0	0	0
0.000126652	0	0	0	0	0
0.000710705	0	0	0	0	0
0.000710705	0	0	0	0	0
0.001527137	0	0	0	0	0
0.001527137	0	0	0	0	0
0.004554537	0	0	0	0	0
0.004554537	0	0	0	0	0
0.302633568	0.01932	0	0	0	0
0.302633568	0.01932	0	0	0	0
0.061082203	0	0	0	0	0
0.061082203	0	0	0	0	0
0.023999515	0	0	0	0	0
0.023999515	0	0	0	0	0
0.002209824	0	0	0	0	0
0.002209824	0	0	0	0	0
0.001189383	0	0	0	0	0
0.001189383	0	0	0	0	0

2.9207E-05	0	0	0	0	0
2.9207E-05	0	0	0	0	0
0.002589163	0	0	0	0	0
0.002589163	0	0	0	0	0
0.002589163	0	0	0	0	0
0.040362907	0	0	0	0	0
0.040362907	0	0	0	0	0
0.02469489	0	0	0	0	0
0.02469489	0	0	0	0	0
0.015668018	0	0	0	0	0
0.015668018	0	0	0	0	0
5.69247467	0.00581	0.00979	0.1141	14.63691	12.08655
0.732646432	0	0	0	0	0
0.001471322	0	0	0	0	0
0.001471322	0	0	0	0	0
0.73117511	0	0	0	0	0
0.73117511	0	0	0	0	0
4.959828414	0.00581	0.00979	0.1141	14.63691	12.08655
0.017831762	0	0	0	0	0
0.017831762	0	0	0	0	0
0.080907621	0	0	0	0	0
0.080907621	0	0	0	0	0
0.002343392	0	0	0	0	0
0.002343392	0	0	0	0	0
0.001137885	0	0	0	0	0
0.001137885	0	0	0	0	0
0.009205154	0	0	0	0	0
0.009205154	0	0	0	0	0
5.52423E-05	0	0	0	0	0
5.52423E-05	0	0	0	0	0
0.018671013	0	0	0	0.08603	0
0.018671013	0	0	0	0.08603	0
0.124042819	0	0	0	0	0
0.124042819	0	0	0	0	0
0.008163744	0	0	0	0	0
0.008163744	0	0	0	0	0
0.024929824	0	0	0	0.00111	0.04695
0.024929824	0	0	0	0.00111	0.04695
0.70106978	0.00013	0	0	0.0001	0.17607
0.70106978	0.00013	0	0	0.0001	0.17607
0.120639824	0	0	0	0	0

0.120639824	0	0	0	0	0
0.004765727	0	0	0	0	0
0.004765727	0	0	0	0	0
7.8326E-05	0	0	0	0	0
7.8326E-05	0	0	0	0	0
3.232395022	0	0.00979	0.1141	14.54967	11.84634
3.232395022	0	0.00979	0.1141	14.54967	11.84634
8.6696E-05	0	0	0	0	0
8.6696E-05	0	0	0	0	0
0.009833921	0	0	0	0	0
0.009833921	0	0	0	0	0
0.015037709	0.00477	0	0	0	0
0.015037709	0.00477	0	0	0	0
0.001488326	0	0	0	0	0
0.001488326	0	0	0	0	0
0.587144581	0.00091	0	0	0	0.01719
0.587144581	0.00091	0	0	0	0.01719
7.132806652	8.21348	5.61595	12.82555	0.00858	0
7.132806652	8.21348	5.61595	12.82555	0.00858	0
3.604656696	0.61235	5.30113	12.65725	0.00858	0
0.007122555	0	0	0	0	0
0.007122555	0	0	0	0	0
0.007122555	0	0	0	0	0
0.019335419	0	0	0	0	0
0.019335419	0	0	0	0	0
0.019335419	0	0	0	0	0
3.578198722	0.61235	5.30113	12.65725	0.00858	0
0.003109956	0	0	0	0	0
0.003109956	0	0	0	0	0
0.146597445	0.60939	0	0	0	0
0.094087533	0.60939	0	0	0	0
0.048527753	0	0	0	0	0
0.003982159	0	0	0	0	0
0.595399075	0	0	8.66089	0	0
0.595399075	0	0	8.66089	0	0
0.002420485	0.00187	0	0	0	0
0.002420485	0.00187	0	0	0	0
0.105085903	0	0	0	0	0
0.105085903	0	0	0	0	0
0.451336256	0	0	3.61157	0	0
0.297937577	0	0	3.61157	0	0

0.010946828	0	0	0	0	0
0.142451806	0	0	0	0	0
0.002257401	0	0	0	0	0
0.002257401	0	0	0	0	0
0.19346304	0	5.30113	0	0	0
0.19346304	0	5.30113	0	0	0
1.100517137	0.00109	0	0.38479	0.00858	0
1.100517137	0.00109	0	0.38479	0.00858	0
3.03965E-06	0	0	0	0	0
3.03965E-06	0	0	0	0	0
0.54865815	0	0	0	0	0
0.54865815	0	0	0	0	0
0.025405066	0	0	0	0	0
0.025405066	0	0	0	0	0
0.144492115	0	0	0	0	0
0.144492115	0	0	0	0	0
0.031764934	0	0	0	0	0
0.031764934	0	0	0	0	0
0.017560441	0	0	0	0	0
0.017560441	0	0	0	0	0
0.003649427	0	0	0	0	0
0.003649427	0	0	0	0	0
0.206479207	0	0	0	0	0
0.206479207	0	0	0	0	0
7.18062E-06	0	0	0	0	0
7.18062E-06	0	0	0	0	0
7.18062E-06	0	0	0	0	0
7.18062E-06	0	0	0	0	0
0.021105683	0	0	0	0	0
0.006109207	0	0	0	0	0
4.62555E-05	0	0	0	0	0
4.62555E-05	0	0	0	0	0
0.001838194	0	0	0	0	0
0.001838194	0	0	0	0	0
0.00033859	0	0	0	0	0
0.00033859	0	0	0	0	0
0.003886079	0	0	0	0	0
0.003886079	0	0	0	0	0
0.013913965	0	0	0	0	0
0.013913965	0	0	0	0	0
0.013913965	0	0	0	0	0

0.001082599	0	0	0	0	0
9.05727E-05	0	0	0	0	0
9.05727E-05	0	0	0	0	0
3.61233E-06	0	0	0	0	0
3.61233E-06	0	0	0	0	0
0.000988414	0	0	0	0	0
0.000988414	0	0	0	0	0
0.198976035	0.0095	0.31482	0.11302	0	0
0.055154934	0.0086	0	0	0	0
0.055154934	0.0086	0	0	0	0
0.055154934	0.0086	0	0	0	0
0.143821145	0.0009	0.31482	0.11302	0	0
0.143821145	0.0009	0.31482	0.11302	0	0
0.143821145	0.0009	0.31482	0.11302	0	0
0.133061013	0.06289	0	0	0	0
0.000187445	0	0	0	0	0
0.000187445	0	0	0	0	0
0.000187445	0	0	0	0	0
0.132873568	0.06289	0	0	0	0
0.000190661	0	0	0	0	0
0.000190661	0	0	0	0	0
0.001422511	0	0	0	0	0
0.001422511	0	0	0	0	0
0.020543304	0.06289	0	0	0	0
0.020543304	0.06289	0	0	0	0
4.21145E-05	0	0	0	0	0
4.21145E-05	0	0	0	0	0
0.092376079	0	0	0	0	0
0.092376079	0	0	0	0	0
0.011077974	0	0	0	0	0
0.011077974	0	0	0	0	0
0.007221057	0	0	0	0	0
0.007221057	0	0	0	0	0
1.723628811	6.08083	0	0	0	0
0.097044317	0	0	0	0	0
0.000464273	0	0	0	0	0
0.000464273	0	0	0	0	0
0.002026608	0	0	0	0	0
0.002026608	0	0	0	0	0
0.018485507	0	0	0	0	0
0.018485507	0	0	0	0	0

0.07606793	0	0	0	0	0
1.49522652	5.00843	0	0	0	0
0.000552511	0	0	0	0	0
0.000552511	0	0	0	0	0
0.010045374	0.10327	0	0	0	0
0.010045374	0.10327	0	0	0	0
1.330300352	4.75588	0	0	0	0
1.330300352	4.75588	0	0	0	0
0.00103837	0	0	0	0	0
0.00103837	0	0	0	0	0
0.153289824	0.14927	0	0	0	0
0.153289824	0.14927	0	0	0	0
0.00935815	0	0	0	0	0
0.00935815	0	0	0	0	0
0.00935815	0	0	0	0	0
0.023172511	0	0	0	0	0
0.015915947	0	0	0	0	0
0.015915947	0	0	0	0	0
0.002016564	0	0	0	0	0
0.002016564	0	0	0	0	0
0.005239956	0	0	0	0	0
0.08109837	1.07002	0	0	0	0
0.003781542	0	0	0	0	0
0.003781542	0	0	0	0	0
0.000527181	0	0	0	0	0
0.000527181	0	0	0	0	0
0.000211057	0	0	0	0	0
0.000211057	0	0	0	0	0
0.045777665	0.59817	0	0	0	0
0.045777665	0.59817	0	0	0	0
0.004051498	0	0	0	0	0
0.004051498	0	0	0	0	0
0.000480573	0	0	0	0	0
0.000480573	0	0	0	0	0
0.000436696	0	0	0	0	0
0.000436696	0	0	0	0	0
0.002175551	0.471	0	0	0	0
0.002175551	0.471	0	0	0	0
0.000479604	0	0	0	0	0
0.000479604	0	0	0	0	0
0.005400308	0	0	0	0	0

0.005400308	0	0	0	0	0
0.009702952	0	0	0	0	0
0.009702952	0	0	0	0	0
0.001062291	0	0	0	0	0
0.001062291	0	0	0	0	0
0.006777577	0.00085	0	0	0	0
0.006777577	0.00085	0	0	0	0
7.14978E-05	0	0	0	0	0
7.14978E-05	0	0	0	0	0
0.000162379	0	0	0	0	0
0.000162379	0	0	0	0	0
3.87665E-06	0	0	0	0	0
3.87665E-06	0	0	0	0	0
3.87665E-06	0	0	0	0	0
0.017692996	0.00239	0	0	0	0
0.007230352	0	0	0	0	0
0.007230352	0	0	0	0	0
0.00282022	0	0	0	0	0
0.00282022	0	0	0	0	0
0.006577181	0	0	0	0	0
0.006577181	0	0	0	0	0
0.001065242	0.00239	0	0	0	0
3.20264E-05	0	0	0	0	0
3.20264E-05	0	0	0	0	0
3.20264E-05	0	0	0	0	0
0.043680132	0	0	0	0	0
0.043680132	0	0	0	0	0
0.043680132	0	0	0	0	0
0.528630661	0.53619	0	0.05527	0	0
0.528436344	0.53619	0	0.05527	0	0
0.398582335	0.37302	0	0	0	0
0.398582335	0.37302	0	0	0	0
0.0169763	0	0	0	0	0
0.0169763	0	0	0	0	0
0.107393612	0.16317	0	0.02977	0	0
0.102198634	0.16317	0	0.02977	0	0
0.005194934	0	0	0	0	0
0.001523128	0	0	0	0	0
0.001523128	0	0	0	0	0
0.003961145	0	0	0.0255	0	0
0.000194317	0	0	0	0	0

0.000131057	0	0	0	0	0
0.000131057	0	0	0	0	0
1.70485E-05	0	0	0	0	0
1.70485E-05	0	0	0	0	0
4.62115E-05	0	0	0	0	0
0.879060264	0.91172	0	0	0	0
0.027504053	0.91172	0	0	0	0
0.027206564	0.91172	0	0	0	0
0.027206564	0.91172	0	0	0	0
0.000297533	0	0	0	0	0
0.160752731	0	0	0	0	0
0.160752731	0	0	0	0	0
0.160752731	0	0	0	0	0
0.001772467	0	0	0	0	0
0.001772467	0	0	0	0	0
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0.337573612	0	0	0	0	0
0.00383348	0	0	0	0	0
0.00383348	0	0	0	0	0
0.304654185	0	0	0	0	0
0.304654185	0	0	0	0	0
0.029085947	0	0	0	0	0
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0.351457489	0	0	0	0	0
0.006199251	0	0	0	0	0
0.006199251	0	0	0	0	0
0.34508815	0	0	0	0	0
0.000170044	0	0	0	0	0
0.000170044	0	0	0	0	0
0.788543789	0	0	0	0	0
0.788543789	0	0	0	0	0
0.788543789	0	0	0	0	0
3.54626E-05	0	0	0	0	0
3.54626E-05	0	0	0	0	0
3.54626E-05	0	0	0	0	0
0.482633128	0	0	0	0	0
0.026529559	0	0	0	0	0
0.026529559	0	0	0	0	0
0.456103524	0	0	0	0	0
0.305280176	0	0	0	0	0
0.01845696	0	0	0	0	0

0.01845696	0	0	0	0	0
0.109118855	0	0	0	0	0
0.109118855	0	0	0	0	0
0.004038458	0	0	0	0	0
0.004038458	0	0	0	0	0
0.095494626	0	0	0	0	0
0.095494626	0	0	0	0	0
0.00677467	0	0	0	0	0
0.00677467	0	0	0	0	0
2.22026E-05	0	0	0	0	0
2.22026E-05	0	0	0	0	0
0.061081145	0	0	0	0	0
0.061081145	0	0	0	0	0
0.010245903	0	0	0	0	0
0.010245903	0	0	0	0	0
4.7533E-05	0	0	0	0	0
4.7533E-05	0	0	0	0	0
0.000506916	0	0	0	0	0
0.000506916	0	0	0	0	0
0.000506916	0	0	0	0	0
8.80617E-05	0	0	0	0	0
8.80617E-05	0	0	0	0	0
8.80617E-05	0	0	0	0	0
8.683576652	8.16657	0	8.13439	0	0
8.683576652	8.16657	0	8.13439	0	0
0.054151189	0.11273	0	0.16513	0	0
3.01322E-05	0	0	0	0	0
0.054121013	0.11273	0	0.16513	0	0
0.003821145	0.00154	0	0.16513	0	0
0.003821145	0.00154	0	0.16513	0	0
0.037503877	0	0	0	0	0
0.037503877	0	0	0	0	0
0.012796079	0.11119	0	0	0	0
8.629425154	8.05385	0	7.96927	0	0
2.17621E-05	0	0	0	0	0
2.17621E-05	0	0	0	0	0
2.17621E-05	0	0	0	0	0
0.001292159	0	0	0	0	0
3.77093E-05	0	0	0	0	0
3.77093E-05	0	0	0	0	0
0.00044141	0	0	0	0	0

0.00044141	0	0	0	0	0
1.32599E-05	0	0	0	0	0
1.32599E-05	0	0	0	0	0
0.00079978	0	0	0	0	0
0.270846608	0	0	0	0	0
0.017489956	0	0	0	0	0
0.017489956	0	0	0	0	0
0.253356696	0	0	0	0	0
0.011974185	0	0	0	0	0
0.002415639	0	0	0	0	0
0.002415639	0	0	0	0	0
0.00955859	0	0	0	0	0
8.345290176	8.05385	0	7.96927	0	0
0.703038282	0.00023	0	0.00732	0	0
0.703038282	0.00023	0	0.00732	0	0
0.37115141	0	0	0	0	0
0.37115141	0	0	0	0	0
2.684273656	8.02438	0	1.19695	0	0
0.004561454	0	0	0	0	0
2.679712159	8.02438	0	1.19695	0	0
0.906717313	0	0	6.765	0	0
0.906717313	0	0	6.765	0	0
0.002919295	0	0	0	0	0
0.002919295	0	0	0	0	0
0.007516784	0	0	0	0	0
0.007516784	0	0	0	0	0
0.269057137	0	0	0	0	0
0.269057137	0	0	0	0	0
3.400616432	0.02924	0	0	0	0
0.004631101	0	0	0	0	0
0.004631101	0	0	0	0	0
0.004631101	0	0	0	0	0
0.004451982	0	0	0	0	0
0.004451982	0	0	0	0	0
0.004051806	0	0	0	0	0
0.004051806	0	0	0	0	0
0.000400132	0	0	0	0	0
0.000400132	0	0	0	0	0
0.000179119	0	0	0	0	0
3.01762E-05	0	0	0	0	0
1.80176E-05	0	0	0	0	0

1.21586E-05	0	0	0	0	0
1.21586E-05	0	0	0	0	0
0.000148943	0	0	0	0	0
37.4393196	9.74533	94.16171	67.41998	42.43717	87.66037
0.000672819	0	0	0	0.04467	0
3.19824E-05	0	0	0	0	0
3.19824E-05	0	0	0	0	0
3.19824E-05	0	0	0	0	0
3.19824E-05	0	0	0	0	0
0.000592379	0	0	0	0.04467	0
0.000304141	0	0	0	0.04467	0
4.44934E-06	0	0	0	0	0
4.44934E-06	0	0	0	0	0
4.44934E-06	0	0	0	0	0
0.000299692	0	0	0	0.04467	0
0.000299692	0	0	0	0.04467	0
0.000299692	0	0	0	0.04467	0
0.000288194	0	0	0	0	0
0.000229163	0	0	0	0	0
0.000113172	0	0	0	0	0
0.000113172	0	0	0	0	0
0.000115947	0	0	0	0	0
5.90308E-05	0	0	0	0	0
5.90308E-05	0	0	0	0	0
5.90308E-05	0	0	0	0	0
4.84581E-05	0	0	0	0	0
4.84581E-05	0	0	0	0	0
4.84581E-05	0	0	0	0	0
4.84581E-05	0	0	0	0	0
0.227029868	0.11622	0	0	0	0
0.182910352	0.11622	0	0	0	0
0.002209031	0	0	0	0	0
0.002209031	0	0	0	0	0
0.002209031	0	0	0	0	0
0.002209031	0	0	0	0	0
0.000564846	0	0	0	0	0
0.000491366	0	0	0	0	0
0.000491366	0	0	0	0	0
7.34361E-05	0	0	0	0	0
2.10573E-05	0	0	0	0	0
2.10573E-05	0	0	0	0	0

5.23789E-05	0	0	0	0	0
0.180136476	0.11622	0	0	0	0
0.001157004	0	0	0	0	0
0.001157004	0	0	0	0	0
0.001157004	0	0	0	0	0
0.148288062	0.11622	0	0	0	0
0.148288062	0.11622	0	0	0	0
0.006221674	0	0	0	0	0
0.142066388	0.11622	0	0	0	0
0.030691366	0	0	0	0	0
0.044119427	0	0	0	0	0
0.044119427	0	0	0	0	0
2.56388E-05	0	0	0	0	0
2.56388E-05	0	0	0	0	0
2.56388E-05	0	0	0	0	0
1.30837E-05	0	0	0	0	0
1.30837E-05	0	0	0	0	0
0.044080749	0	0	0	0	0
0.000154714	0	0	0	0	0
0.000154714	0	0	0	0	0
0.020317797	0	0	0	0	0
0.020317797	0	0	0	0	0
1.53744E-05	0	0	0	0	0
1.53744E-05	0	0	0	0	0
2.6696E-05	0	0	0	0	0
2.6696E-05	0	0	0	0	0
0.000268106	0	0	0	0	0
0.000268106	0	0	0	0	0
0.000509648	0	0	0	0	0
0.000509648	0	0	0	0	0
0.022788546	0	0	0	0	0
0.079439383	0.83897	0	0	0	0
0.079439383	0.83897	0	0	0	0
0.079439383	0.83897	0	0	0	0
0.07941304	0.83897	0	0	0	0
0.074822952	0.79641	0	0	0	0
0.004590132	0.04256	0	0	0	0
0.004590132	0.04256	0	0	0	0
2.63877E-05	0	0	0	0	0
2.63877E-05	0	0	0	0	0
2.63877E-05	0	0	0	0	0

0.040722643	0	0	0	0	0
0.040722643	0	0	0	0	0
0.040722643	0	0	0	0	0
0.040722643	0	0	0	0	0
0.012769956	0	0	0	0	0
0.012769956	0	0	0	0	0
5.4185E-06	0	0	0	0	0
5.4185E-06	0	0	0	0	0
0.027947269	0	0	0	0	0
0.027947269	0	0	0	0	0
37.09145493	8.79015	94.16171	67.41998	42.3925	87.66037
0.000328899	0	0	0	0	0
0.000328899	0	0	0	0	0
0.000328899	0	0	0	0	0
0.000153128	0	0	0	0	0
0.000153128	0	0	0	0	0
0.000175771	0	0	0	0	0
35.31726665	8.78817	93.74669	67.41708	41.18208	87.63388
35.31726665	8.78817	93.74669	67.41708	41.18208	87.63388
0.347656872	0.09709	0.00304	0	0	0
0.253248678	0.0381	0.00114	0	0	0
0.253248678	0.0381	0.00114	0	0	0
0.000783656	0	0	0	0	0
0.000783656	0	0	0	0	0
0.093624317	0.05899	0.00191	0	0	0
0.003140485	0	0	0	0	0
0.003124537	0	0	0	0	0
0.003124537	0	0	0	0	0
1.59471E-05	0	0	0	0	0
4.966821101	0.09067	9.13561	0.00378	0.38875	0
2.288664229	0.07533	0	0	0.38875	0
2.288664229	0.07533	0	0	0.38875	0
0.002466035	0	0	0	0	0
0.002466035	0	0	0	0	0
2.66711489	0.01534	9.13561	0.00378	0	0
2.353385154	0.01534	9.13561	0.00378	0	0
0.313729736	0	0	0	0	0
1.05286E-05	0	0	0	0	0
1.05286E-05	0	0	0	0	0
0.008565507	0	0	0	0	0
0.008565507	0	0	0	0	0

6.49339E-05	0	0	0	0	0
6.49339E-05	0	0	0	0	0
6.49339E-05	0	0	0	0	0
17.74103564	8.50384	0.48336	0.00545	40.79333	0
12.69156806	6.35812	0	0	29.85994	0
12.69156806	6.35812	0	0	29.85994	0
0.016711938	0	0	0	0	0
0.016711938	0	0	0	0	0
5.032755815	2.14572	0.48336	0.00545	10.9334	0
3.70044E-06	0	0	0	0	0
3.70044E-06	0	0	0	0	0
3.70044E-06	0	0	0	0	0
11.30196432	0.09658	82.85462	67.40786	0	87.63388
2.541959604	0	0.19701	0.0264	0	0
2.541959604	0	0.19701	0.0264	0	0
7.015513656	0.05497	81.57499	67.38146	0	87.63388
7.015513656	0.05497	81.57499	67.38146	0	87.63388
0.291335463	0	0	0	0	0
0.291335463	0	0	0	0	0
1.452615683	0.04161	1.08262	0	0	0
0.000539736	0	0	0	0	0
0.000539736	0	0	0	0	0
0.006361366	0	0	0	0	0
0.006361366	0	0	0	0	0
0.006361366	0	0	0	0	0
0.442932379	0	0	0	0	0
7.04846E-07	0	0	0	0	0
7.04846E-07	0	0	0	0	0
0.442931674	0	0	0	0	0
0.206012555	0	0	0	0	0
0.206010881	0	0	0	0	0
0.206010881	0	0	0	0	0
1.67401E-06	0	0	0	0	0
0.00104185	0	0	0	0	0
2.37004E-05	0	0	0	0	0
2.37004E-05	0	0	0	0	0
0.00075	0	0	0	0	0
0.00075	0	0	0	0	0
0.00026815	0	0	0	0	0
0.167709912	0	0	0	0	0
0.167709912	0	0	0	0	0

0.167709912	0	0	0	0	0
0.128823612	0	1.27005	0	0	0
0.001400925	0	0	0	0	0
0.001400925	0	0	0	0	0
0.127422687	0	1.27005	0	0	0
0.127422687	0	1.27005	0	0	0
0.003697621	0	0	0	0	0
0.003697621	0	0	0	0	0
0.003697621	0	0	0	0	0
1.701168634	0	0.01532	0	1.02962	0.02649
1.701168634	0	0.01532	0	1.02962	0.02649
0.067187181	0	0	0	0	0
0.067187181	0	0	0	0	0
1.18943E-06	0	0	0	0	0
1.18943E-06	0	0	0	0	0
1.633980176	0	0.01532	0	1.02962	0.02649
0.070848678	0	0	0	0.33837	0
0.070848678	0	0	0	0.33837	0
0.078235507	0	0	0	0.49669	0
0.078235507	0	0	0	0.49669	0
0.015587489	0	0	0	0	0
0.015587489	0	0	0	0	0
1.085051718	0	0.01532	0	0.19455	0.02649
1.085051718	0	0.01532	0	0.19455	0.02649
0.37902185	0	0	0	0	0
0.37902185	0	0	0	0	0
3.52423E-07	0	0	0	0	0
3.52423E-07	0	0	0	0	0
0.005234493	0	0	0	0	0
0.005234493	0	0	0	0	0
0.066878546	0.00197	0.39115	0.0029	0.1808	0
0.062693965	0.00197	0.39115	0.0029	0	0
0.061961498	0.00197	0.39115	0.0029	0	0
0.003657753	0	0	0	0	0
0.003657753	0	0	0	0	0
0.000599383	0	0	0	0	0
0.000599383	0	0	0	0	0
0.004196476	0	0	0	0	0
0.004196476	0	0	0	0	0
0.000343833	0	0	0	0	0
0.000343833	0	0	0	0	0

0.000870661	0	0	0	0	0
0.000870661	0	0	0	0	0
2.28634E-05	0	0.00158	0	0	0
2.28634E-05	0	0.00158	0	0	0
0.032591454	0	0.23379	0.0029	0	0
0.032591454	0	0.23379	0.0029	0	0
7.44493E-06	0	0	0	0	0
7.44493E-06	0	0	0	0	0
0.006659207	0	0	0	0	0
0.006659207	0	0	0	0	0
0.006398987	0.00197	0.11951	0	0	0
0.006613524	0	0.03627	0	0	0
0.006613524	0	0.03627	0	0	0
0.000732423	0	0	0	0	0
0.000732423	0	0	0	0	0
0.000732423	0	0	0	0	0
0.004184581	0	0	0	0.1808	0
0.004184581	0	0	0	0.1808	0
2.95154E-06	0	0	0	0	0
2.95154E-06	0	0	0	0	0
0.000496432	0	0	0	0	0
0.000496432	0	0	0	0	0
0.00111837	0	0	0	0.1808	0
0.00111837	0	0	0	0.1808	0
7.06608E-05	0	0	0	0	0
7.06608E-05	0	0	0	0	0
8.01762E-06	0	0	0	0	0
8.01762E-06	0	0	0	0	0
2.20264E-06	0	0	0	0	0
2.20264E-06	0	0	0	0	0
0.00037674	0	0	0	0	0
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0.002109207	0	0	0	0	0
0.00581207	0	0.00855	0	0	0
0.00581207	0	0.00855	0	0	0
0.005805727	0	0.00855	0	0	0
0.005514846	0	0.00855	0	0	0
0.005514846	0	0.00855	0	0	0
0.000290925	0	0	0	0	0
6.34361E-06	0	0	0	0	0
6.34361E-06	0	0	0	0	0

6.34361E-06	0	0	0	0	0
7.4978E-05	0	0	0	0	0
7.4978E-05	0	0	0	0	0
7.4978E-05	0	0	0	0	0
7.4978E-05	0	0	0	0	0
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7.4978E-05	0	0	0	0	0
7.4978E-05	0	0	0	0	0
0.164324581	0.00652	0	0	0	0
0.164324581	0.00652	0	0	0	0
0.164324581	0.00652	0	0	0	0
0.164324581	0.00652	0	0	0	0
0.164324581	0.00652	0	0	0	0
0.164324581	0.00652	0	0	0	0
0.164324581	0.00652	0	0	0	0
0.0052037	0	0	0	0.00909	0
0.0052037	0	0	0	0.00909	0
5.55066E-06	0	0	0	0	0
5.55066E-06	0	0	0	0	0
5.55066E-06	0	0	0	0	0
5.55066E-06	0	0	0	0	0
0.00519815	0	0	0	0.00909	0
0.00519815	0	0	0	0.00909	0
0.00201207	0	0	0	0.00909	0
0.00201207	0	0	0	0.00909	0
0.000375286	0	0	0	0	0
0.000375286	0	0	0	0	0
0.000375286	0	0	0	0	0
0.000375286	0	0	0	0	0
3.22026E-05	0	0	0	0	0
3.22026E-05	0	0	0	0	0
3.22026E-05	0	0	0	0	0
0.002778634	0	0	0	0	0
0.002778634	0	0	0	0	0
0.002546079	0	0	0	0	0
0.002546079	0	0	0	0	0
0.000232555	0	0	0	0	0
0.000232555	0	0	0	0	0
0.725401233	0.00118	0	0	0	0
0.725401233	0.00118	0	0	0	0
0.725401233	0.00118	0	0	0	0

0.634820705	0.00118	0	0	0	0
0.354570661	0	0	0	0	0
0.001488502	0	0	0	0	0
0.001488502	0	0	0	0	0
8.04846E-05	0	0	0	0	0
0.001408018	0	0	0	0	0
0.03952533	0	0	0	0	0
0.03952533	0	0	0	0	0
0.03952533	0	0	0	0	0
6.1674E-06	0	0	0	0	0
6.1674E-06	0	0	0	0	0
0.121575507	0	0	0	0	0
0.005641454	0	0	0	0	0
0.005641454	0	0	0	0	0
0.115724934	0	0	0	0	0
0.115724934	0	0	0	0	0
0.000209119	0	0	0	0	0
0.000209119	0	0	0	0	0
0.153429471	0	0	0	0	0
0.153429471	0	0	0	0	0
0.153429471	0	0	0	0	0
0.000693348	0	0	0	0	0
0.000693348	0	0	0	0	0
0.037852379	0	0	0	0	0
0.032505903	0	0	0	0	0
0.032505903	0	0	0	0	0
0.005346476	0	0	0	0	0
0.005346476	0	0	0	0	0
0.091810441	0	0	0	0	0
0.002351938	0	0	0	0	0
0.002351938	0	0	0	0	0
0.086964097	0	0	0	0	0
8.72247E-06	0	0	0	0	0
0.086955374	0	0	0	0	0
0.086955374	0	0	0	0	0
0.002494405	0	0	0	0	0
0.002494405	0	0	0	0	0
0.002494405	0	0	0	0	0
0.188439559	0.00118	0	0	0	0
0.001448855	0.00118	0	0	0	0
0.001448855	0.00118	0	0	0	0

0.001363568	0	0	0	0	0
0.000250441	0	0	0	0	0
0.000250441	0	0	0	0	0
0.000247974	0	0	0	0	0
0.000247974	0	0	0	0	0
0.000790749	0	0	0	0	0
0.000790749	0	0	0	0	0
7.44053E-05	0	0	0	0	0
7.44053E-05	0	0	0	0	0
0.078696079	0	0	0	0	0
0.001260132	0	0	0	0	0
0.001260132	0	0	0	0	0
0.01215815	0	0	0	0	0
0.01215815	0	0	0	0	0
0.041189736	0	0	0	0	0
0.041189736	0	0	0	0	0
0.001421233	0	0	0	0	0
0.001421233	0	0	0	0	0
1.95595E-05	0	0	0	0	0
1.95595E-05	0	0	0	0	0
0.011122907	0	0	0	0	0
0.011122907	0	0	0	0	0
0.001250176	0	0	0	0	0
0.001250176	0	0	0	0	0
0.002824934	0	0	0	0	0
0.002824934	0	0	0	0	0
0.000284581	0	0	0	0	0
0.000284581	0	0	0	0	0
0.000112643	0	0	0	0	0
0.000112643	0	0	0	0	0
0.000795639	0	0	0	0	0
0.000795639	0	0	0	0	0
0.000127004	0	0	0	0	0
0.000127004	0	0	0	0	0
9.4185E-05	0	0	0	0	0
9.4185E-05	0	0	0	0	0
0.000220925	0	0	0	0	0
0.000220925	0	0	0	0	0
8.54185E-05	0	0	0	0	0
8.54185E-05	0	0	0	0	0
0.000582335	0	0	0	0	0

0.000582335	0	0	0	0	0
0.000437533	0	0	0	0	0
0.000437533	0	0	0	0	0
0.00106837	0	0	0	0	0
0.00106837	0	0	0	0	0
0.000555066	0	0	0	0	0
0.000555066	0	0	0	0	0
0.001456035	0	0	0	0	0
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0.00057674	0	0	0	0	0
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0.000356608	0	0	0	0	0
0.000356608	0	0	0	0	0
0.000696167	0	0	0	0	0
0.000696167	0	0	0	0	0
0.106931013	0	0	0	0	0
0.106931013	0	0	0	0	0
0.106931013	0	0	0	0	0
2.20264E-06	0	0	0	0	0
2.20264E-06	0	0	0	0	0
2.20264E-06	0	0	0	0	0
2.20264E-06	0	0	0	0	0
0.090578282	0	0	0	0	0
0.070220617	0	0	0	0	0
0.070220617	0	0	0	0	0
0.0005463	0	0	0	0	0
0.0005463	0	0	0	0	0
0.069674361	0	0	0	0	0
0.069674361	0	0	0	0	0
0.020016167	0	0	0	0	0
0.020016167	0	0	0	0	0
0.020016167	0	0	0	0	0
0.020016167	0	0	0	0	0
5.57269E-05	0	0	0	0	0
2.04405E-05	0	0	0	0	0
2.04405E-05	0	0	0	0	0
2.04405E-05	0	0	0	0	0
3.52863E-05	0	0	0	0	0
3.52863E-05	0	0	0	0	0
3.52863E-05	0	0	0	0	0
0.000285771	0	0	0	0	0

0.000285771	0	0	0	0	0
0.000285771	0	0	0	0	0
0.000285771	0	0	0	0	0
0	0	0	0	0	0

sum to 100% [e.g., K__(Kingdom); p__(Phylum);c__(Class);o__(Order);f__

CH13LC	CH19RC	CH1CYC	CH1DFC	CH1FTC	CH1GSC	CH1MIC
99.71268	100	100	99.97336	100	100	100
0.24769	0.00962	8.00E-05	0	0.01157	59.29404	5.74848
0.24769	0.00962	8.00E-05	0	0.01157	59.29404	5.74848
0.24769	0	0	0	0.01157	0.12219	0.00792
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.0098	0.00115	0
0	0	0	0	0.0098	0.00115	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0.00115	0
0	0	0	0	0	0.00115	0
0	0	0	0	0.00011	0	0
0	0	0	0	0.00011	0	0
0	0	0	0	0.00969	0	0
0	0	0	0	0.00969	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.23984	0	0	0	0	0.1174	0.00064
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.23984	0	0	0	0	0.1174	0.00064
0.23984	0	0	0	0	0.06653	0.00064
0.23984	0	0	0	0	0.06653	0.00064
0	0	0	0	0	0.05087	0
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0	0	0	0	0	0	0
0.00785	0	0	0	0.00177	0.00363	0.00728
0.00785	0	0	0	0.00177	0.0021	0.00486
0	0	0	0	0	0.00153	0.00242
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00153	0.00242
0	0	0	0	0	0.00153	0.00242
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00962	8.00E-05	0	0	58.77235	5.74057

0	0.00962	8.00E-05	0	0	58.77235	5.74057
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0	0.00962	8.00E-05	0	0	58.61983	5.74057
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0	0.00962	8.00E-05	0	0	2.15001	5.74057
0	0.00962	8.00E-05	0	0	2.15001	5.74057
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48.60601	96.46651	93.75772	99.93621	95.72918	2.178	3.21873
26.55305	96.45522	20.28674	99.93621	95.72675	1.03121	1.2335
1.81858	2.66352	8.77952	0.0616	64.58208	0.14909	1.01094
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0.00796	0.01661	0.00592	0.0157	0.00283	0	0
0.00796	0.01661	0.00592	0.0157	0.00283	0	0
0.00796	0.01661	0.00592	0.0157	0.00283	0	0
0.00796	0.01661	0.00592	0.0157	0.00283	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.81062	2.64691	8.7736	0.0459	64.57926	0.14909	1.01094
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.81062	2.64691	8.7736	0.0459	64.57926	0.14909	1.01094
0	0.71746	0	0	0	0	0
0	0.71746	0	0	0	0	0
1.81062	1.64064	6.32254	0.0459	59.51028	0.14874	1.01094
1.81062	1.64064	6.32254	0.0459	59.51028	0.14874	1.01094
0	0	0	0	0.1598	0	0
0	0	0	0	0.1598	0	0
0	0	2.45106	0	4.90918	0.00034	0
0	0	2.45106	0	4.90918	0.00034	0
0	0.28881	0	0	0	0	0
0	0.28881	0	0	0	0	0

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24.73446	93.7917	11.50723	99.87462	31.14466	0.88212	0.22256
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0	0	0	0	0	0	0
17.22055	92.8605	0.26476	0	31.07014	0.01503	0
17.22055	92.8605	0.26476	0	31.07014	0.01503	0
4.22595	0	0	0	0	0.00366	0
4.22595	0	0	0	0	0.00366	0
0	0	0	0	0	0.00536	0
0	0	0	0	0	0.00536	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
12.95183	92.8605	0.26476	0	0	0.006	0
12.95183	92.8605	0.26476	0	0	0.006	0
0.04277	0	0	0	31.07014	0	0
0.04277	0	0	0	31.07014	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.0706	0.05935	0.00059
0	0	0	0	0.0706	0.05935	0.00059
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.0706	0	0.00059
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0	0	0	0	0	0.02841	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00599	0
0	0	0	0	0	0.00599	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
7.51392	0.93119	11.24246	99.87462	0.00392	0.80562	0.22197
0	0	0	0	0	0.02523	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.02523	0
0	0	0	0	0	0.02523	0
7.51392	0.93119	11.24246	99.87462	0.00392	0.78039	0.22197
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01923	0	0	0	0	0	0
0.01923	0	0	0	0	0	0
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0	0	0	0	0	0.00125	0
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0.01237	0.00545	0.02702	0.0806	0.00111	0.05477	0.0129
0.01237	0.00545	0.02702	0.0806	0.00111	0.05477	0.0129
0.59582	0	3.75839	15.52006	0.00071	0.23495	0
0.59582	0	3.75839	15.52006	0.00071	0.23495	0
0	0	0	0	0	0.00745	0

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4.35016	0	7.12944	84.21376	0.00209	0.47638	0.20473
4.35016	0	7.12944	84.21376	0.00209	0.47638	0.20473
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0.0013	0	0.31167	0	0	0	0
0.0013	0	0.31167	0	0	0	0
0	0	0	0	0	0.00558	0
0	0	0	0	0	0.00558	0
2.53503	0	0.01595	0.06019	0	0	0.00434
2.53503	0	0.01595	0.06019	0	0	0.00434
4.03204	0.00401	31.26762	0	0.00244	0.45739	0.0083
4.03204	0.00401	31.26762	0	0.00244	0.45739	0.0083
4.03204	0	31.26762	0	0	0.07264	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
4.03204	0	31.26762	0	0	0.07264	0
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4.03204	0	31.26762	0	0	0.01089	0
4.03204	0	31.26762	0	0	0.01089	0
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0	0.00401	0	0	0	0	0
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0	0	0	0	0	0.04221	0.56783
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0	0	0	0	0	0.04221	0.56783
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0	0	0	0	0	0.03513	0.3646
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0	0	0	0	0	0.00708	0.20323
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0	0	0	0	0	0.00708	0.20323
0	0	0	0	0	0.00708	0.20323
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0	0	0	0	0	0	0
18.02093	0.00728	42.20335	0	0	0.64718	1.4091
18.02093	0.00728	42.20335	0	0	0.64718	1.4091
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
18.02093	0.00728	42.20335	0	0	0.64718	1.4091
0	0	0	0	0	0	0
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18.02093	0.00728	42.20335	0	0	0.63466	1.4091
0.16729	0	0	0	0	0.15059	0
0.16729	0	0	0	0	0.15059	0
0.07986	0	0	0	0	0.00324	0.28861
0.07986	0	0	0	0	0.00324	0.28861
17.77377	0	21.84319	0	0	0.10089	0.00076
0	0	0	0	0	0	0
17.77377	0	21.84319	0	0	0.10089	0.00076
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0	0.00728	20.36017	0	0	0.37993	1.11974
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50.85898	3.52387	6.2422	0.03715	4.25924	38.29732	24.21973
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50.85898	3.52387	6.2422	0.03715	4.22163	38.28958	24.21973
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50.73476	0	0	0	0	36.47644	24.19233
50.73476	0	0	0	0	36.47644	24.19233
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0.12422	3.52387	6.2422	0.03715	4.22163	1.81315	0.02739
0.12422	3.52387	6.2422	0.03715	4.22163	1.81315	0.02739
0	0.00124	0.01073	0.00139	0	0	0
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0.12422	3.52263	6.18711	0	0.09079	1.81107	0.02739
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_(Family);g__(Genus);s__(Species);t__(Strain)]

CH1PIC	CH1PXC	CH1RZC	CH1VOC	CH21WC	CH23YC	CH2C9C
100	100	100	100	99.9995	100	99.98525
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0	0.53034	0.00509	0.06988	52.79585	7.27684	69.18382
0	0	0.00509	0.03717	0.02573	0.0067	0.02495
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0	0.53034	0	0.03271	52.76579	7.16419	69.15887

0	0.53034	0	0.03271	52.76579	7.16419	69.15887
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0	0	19.17387	0	0.30175	2.77832	0
0	0	19.17387	0	0.30175	2.77832	0
0	0	19.17387	0	0.30175	2.77832	0
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0	0	17.7597	0	0.29104	2.24719	0
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0	0	1.41417	0	0.01071	0.53113	0
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0	0	2.96301	8.90852	2.22765	12.03086	0.06246
0	0	2.96301	8.90852	2.22765	12.03086	0.06246
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0	0	2.96301	8.90852	2.22765	12.03086	0.06246
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0	0	2.96301	8.90852	2.22765	12.03086	0.06246
0	0	0.07683	0	0	1.16696	0
0	0	0.07683	0	0	1.16696	0
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0	0	0.06757	0.00936	0.00072	1.64635	0.0179
0	0	2.8186	4.71448	2.12267	1.38216	0
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0	0	2.8186	4.71448	2.12267	1.38216	0
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100	99.17462	77.15468	64.61626	41.04273	28.61078	29.12727
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0	0.01031	0	0	0	0	8.20695
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0	0.01031	0	0	0	0	8.20695
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0	0.01031	0	0	0	0	8.20695
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100	99.16431	77.15468	64.61626	41.04273	28.61078	20.92032
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100	99.16431	77.13254	64.43514	40.57446	28.46182	20.80318
100	99.16431	77.13254	64.43514	40.57446	28.46182	20.80318
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0	0	0	0.00382	0	0	0.00688
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0	0	1.15515	0	0.62593	0	0.91718
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0	99.16431	0.02519	0.0288	39.94853	3.68108	0.77577
0	77.4604	0	0.01022	27.123	2.39589	0.0069
0	77.4604	0	0.01022	27.123	2.39589	0.0069
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0	0	56.54722	40.64369	0	0	0.83439
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0	0	0	0.18112	0.46827	0.14896	0
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0	0	0	0.18112	0.46529	0.14896	0
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0	0	0	0	0.0005	0	0
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0	0	0	0	0	0	0

CH2NFC	CH2SMC	CH2YZC	CH35NC	CH3G4C	CH3JAC	CH3P2C
100	100	100	84.94794	100	91.02775	99.78414
0	18.54959	3.92495	64.21799	24.30464	0.08425	9.05157
0	18.54959	3.92495	64.21799	24.30464	0.08425	9.05157
0	0.0117	0	0.75979	0.53351	0.08425	1.2754
0	0	0	0.20368	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.11627	0	0	0
0	0	0	0.0998	0	0	0
0	0	0	0.0998	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.01589	0	0	0
0	0	0	0.01589	0	0	0
0	0	0	0.00058	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.08741	0	0	0
0	0	0	0.08741	0	0	0
0	0	0	0.08741	0	0	0
0	0	0	0	0	0	0.0049
0	0	0	0	0	0	0.0049
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0	0	0	0	0	0	0.0049

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.0117	0	0.10528	0.53351	0	0.00075
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0	0	0	0	0	0	0
0	0.0117	0	0.10528	0.53351	0	0.00075
0	0.0117	0	0.10528	0.53351	0	0
0	0.0117	0	0.10528	0.53351	0	0
0	0	0	0	0	0	0.00075
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0	0	0	0.45084	0	0.08425	1.26975
0	0	0	0	0	0.08425	0
0	0	0	0.45084	0	0	1.26975
0	0	0	0	0	0	0.00066
0	0	0	0	0	0	0.00066
0	0	0	0.45084	0	0	1.2691
0	0	0	0.45084	0	0	1.2691
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0	0	0	0	0	0	0
0	18.32873	3.8308	63.45141	23.7495	0	7.77617

0	18.32873	3.8308	63.45141	23.7495	0	7.77617
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	18.32873	3.8308	63.45141	23.7495	0	7.77617
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0	0	0	0	0.48588	0	0
0	0	0	0	0.48588	0	0
0	17.71739	0	0	0	0	0.08487
0	17.71739	0	0	0	0	0.08487
0	0	0.314	0	0.04458	0	0
0	0	0.314	0	0.04458	0	0
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0	0.53604	0	0	0	0	0
0	0.0753	3.08523	63.45141	17.4064	0	7.6913
0	0.0753	3.08523	63.45141	17.4064	0	7.6913
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0	0.20917	0.09415	0.00678	0.02163	0	0
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0	0.01643	30.72435	5.99807	44.66606	19.03095	0
0	0.01643	30.72435	5.99807	44.66606	19.03095	0
0	0.01643	30.72435	5.99807	44.66606	19.03095	0
0	0	30.17778	5.76806	44.66199	19.03095	0
0	0	30.17778	5.76806	44.66199	19.03095	0

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0	0	0.19796	0	0.15154	0	0
0	0	0	0.02046	0	19.03095	0

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0	0	0.12704	0.10046	0	0	0
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0	0.01643	0	0.02232	0	0	0
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0	0.00188	0	0.0187	0	0	0
0	0.00188	0	0.0187	0	0	0
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99.57077	40.47337	5.78968	2.32035	0.11092	53.0456	17.4311
28.82005	0.41638	5.78968	1.12842	0.07056	53.0456	11.7068
0.0003	0	4.90768	0.13436	0.06962	1.35908	8.40898
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0.0003	0	0.00306	0.00215	0	0.24505	0
0.0003	0	0.00306	0.00215	0	0.24505	0
0	0	0.00306	0.00126	0	0.22942	0
0	0	0.00306	0.00126	0	0.22942	0
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0.0003	0	0	0.00089	0	0.01563	0
0	0	4.90461	0.13222	0.06962	1.11403	8.40898
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	4.90461	0.13222	0.06962	1.11403	8.40898
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1.67191	0.13035	0.06962	1.10633	7.99201
0	0	1.67191	0.13035	0.06962	1.10633	7.99201
0	0	0	0	0	0.0077	0
0	0	0	0	0	0.0077	0
0	0	3.2327	0.00187	0	0	0.41697
0	0	3.2327	0.00187	0	0	0.41697
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28.81975	0.41638	0.88201	0.99406	0.00095	51.68652	3.29782
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0.01951	0.10408	0.11127	0.26709	0	0	1.88346
0.01951	0.10408	0.11127	0.26709	0	0	1.88346
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0	0	0	0	0	0	0
0.01951	0	0.11127	0.25955	0	0	1.88346
0.01951	0	0.11127	0.25955	0	0	1.88346
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0	0.24944	0	0	0	0	0
0	0	0	0.01653	0	0	0.00827
0	0	0	0.01653	0	0	0.00827
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28.80024	0.05848	0.77074	0.71044	0.00095	51.68652	1.40609
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
28.80024	0.05848	0.77074	0.71044	0.00095	51.68652	1.40609
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0	0	0	0	0.00095	0	0
0	0.01499	0	0	0	0	0
0	0.01499	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.24811	0.0038	0.03791	0.06392	0	0	0
0.24811	0.0038	0.03791	0.06392	0	0	0
12.23766	0.01834	0	0.04123	0	0	0.02385
12.23766	0.01834	0	0.04123	0	0	0.02385
0	0.00064	0	0	0	0	0

0	0.00064	0	0	0	0	0
0	0	0	0.03478	0	0	0
0	0	0	0.03478	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
16.11886	0	0.47452	0.04386	0	0.4972	0.52493
16.11886	0	0.47452	0.04386	0	0.4972	0.52493
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01647	0	0	0	0	0
0	0.01647	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.19561	0	0	0.00238	0	51.18933	0.8573
0.19561	0	0	0.00238	0	51.18933	0.8573
70.75073	36.20982	0	0.32303	0.00743	0	2.09398
70.75073	36.20982	0	0.32303	0.00743	0	2.09398
0	19.55154	0	0.15609	0	0	2.08688
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	19.55154	0	0.15609	0	0	2.08688
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.38533	0	0	0	0	0
0	0	0	0	0	0	0
0	0.38533	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	13.38981	0	0	0	0	0
0	13.38981	0	0	0	0	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0.00945	0	0.15609	0	0	2.08688
0	0.00945	0	0.15609	0	0	2.08688
0	0	0	0	0	0	0
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0	5.76695	0	0	0	0	0
0	5.76695	0	0	0	0	0
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0	0	0	0.16695	0	0	0.0071
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0	0	0	0.01184	0	0	0
0	0	0	0.01184	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.04251	0	0	0
0	0	0	0.04251	0	0	0
0	0	0	0.11259	0	0	0
0	0	0	0.11259	0	0	0
0	0	0	0.11259	0	0	0

0	0	0	0	0	0	0.0071
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.0071
0	0	0	0	0	0	0.0071
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0	15.24987	0	0	0.00743	0	0
0	0.00016	0	0	0	0	0
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0	13.85846	0	0	0.00743	0	0
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0	0.2628	0	0	0	0	0

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0	0	0	0	0	0	0
0	0.00492	0	0	0	0	0
0	0.00492	0	0	0	0	0
0	0.00492	0	0	0	0	0
70.75073	1.32947	0	0	0	0	0
70.75073	1.32835	0	0	0	0	0
70.75073	0	0	0	0	0	0
70.75073	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1.32835	0	0	0	0	0
0	0.61101	0	0	0	0	0
0	0.71733	0	0	0	0	0
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0	0.00112	0	0	0	0	0

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0	0.37197	0	0.00027	0	0	0
0	0.37197	0	0.00027	0	0	0
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0	0	0	0	0	0	0
0	0.12893	0	0.00027	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.12893	0	0.00027	0	0	0
0	0.24303	0	0	0	0	0
0	0.03818	0	0	0	0	0

0	0.03818	0	0	0	0	0
0	0.0272	0	0	0	0	0
0	0.0272	0	0	0	0	0
0	0.01657	0	0	0	0	0
0	0.01657	0	0	0	0	0
0	0.16108	0	0	0	0	0
0	0.16108	0	0	0	0	0
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0	0	0	0	0	0	0
0	3.4752	0	0.86863	0.03293	0	3.63032
0	3.4752	0	0.86863	0.03293	0	3.63032
0	0	0	0.00244	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00244	0	0	0
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0	0	0	0.00244	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	3.4752	0	0.86618	0.03293	0	3.63032
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0.0001	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0001	0	0	0
0	0.00373	0	0	0	0	0
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0	0	0	0	0	0	0
0	3.47147	0	0.86608	0.03293	0	3.63032
0	0.4283	0	0	0.01383	0	0.22859
0	0.4283	0	0	0.01383	0	0.22859
0	0.3847	0	0.01083	0	0	0.67956
0	0.3847	0	0.01083	0	0	0.67956
0	0.77218	0	0.03212	0	0	0.18347
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0	0.77218	0	0.03212	0	0	0.18347
0	0	0	0.82313	0.0191	0	0
0	0	0	0.82313	0.0191	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.44915
0	0	0	0	0	0	0.44915
0	1.88629	0	0	0	0	2.08956
0	0.05413	0	0.00492	0	0	0
0	0.05413	0	0.00492	0	0	0
0	0.05413	0	0.00492	0	0	0
0	0.05413	0	0.00492	0	0	0
0	0.05413	0	0.00492	0	0	0
0	0.0358	0	0.00492	0	0	0
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0	0.01833	0	0	0	0	0
0	0.01833	0	0	0	0	0
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0.42923	23.32784	59.56102	12.40661	30.91838	18.86695	73.30147
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0	0	0	0.00965	0	0	0
0	0	0	0	0	0	0
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0	0	0	0.00965	0	0	0
0	0	0	0.00965	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00965	0	0	0
0	0	0	0	0	0	0
0.3813	0	0	0	0	0	0
0.3813	0	0	0	0	0	0
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0.3813	0	0	0	0	0	0
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0.18766	0	0	0	0	0	0
0.18766	0	0	0	0	0	0
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0.19364	0	0	0	0	0	0
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0	0	0	0.15703	0	0	0
0	0	0	0.15703	0	0	0
0	0	0	0.15703	0	0	0
0	0	0	0.15459	0	0	0
0	0	0	0.00245	0	0	0
0	0	0	0.00245	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0.01174	0	0	0	0	0
0	0.01174	0	0	0	0	0
0	0.01174	0	0	0	0	0
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0	0.01174	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04792	23.3161	59.56102	12.23993	30.91838	18.86695	73.30147
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	22.95977	59.40535	12.18964	30.91838	6.60273	73.20104
0	22.95977	59.40535	12.18964	30.91838	6.60273	73.20104
0	0.01167	0	0	0	0	0
0	0.00969	0	0	0	0	0
0	0.00969	0	0	0	0	0
0	0	0	0	0	0	0
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0	0.00198	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	1.01158	0	0	0.81153
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0	0	0	0	0	0	0
0	0	0	1.01158	0	0	0.81153
0	0	0	0	0	0	0.81153
0	0	0	1.01158	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	22.93638	5.43626	8.71176	30.91403	0	0.95647
0	16.53086	4.20141	5.15523	30.91403	0	0.61626
0	16.53086	4.20141	5.15523	30.91403	0	0.61626
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	6.40552	1.23485	3.55653	0	0	0.34021
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01172	53.96909	2.46631	0.00435	6.60273	71.43305
0	0.00061	0	0	0	0	0
0	0.00061	0	0	0	0	0
0	0.01111	53.96909	1.08069	0	5.97896	46.62088
0	0.01111	53.96909	1.08069	0	5.97896	46.62088
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1.38561	0.00435	0.62377	24.81217
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.04792	0.35632	0.14234	0.02435	0	12.26422	0.10043
0.04792	0.35632	0.14234	0.02435	0	12.26422	0.10043
0	0	0	0	0	0.57212	0
0	0	0	0	0	0.57212	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04792	0.35632	0.14234	0.02435	0	11.69209	0.10043
0.00128	0	0	0	0	5.03528	0.01356
0.00128	0	0	0	0	5.03528	0.01356
0.00116	0	0	0	0	4.14574	0.01793
0.00116	0	0	0	0	4.14574	0.01793
0	0	0	0	0	2.27589	0
0	0	0	0	0	2.27589	0
0.04548	0.35632	0.14234	0.02435	0	0	0.06895
0.04548	0.35632	0.14234	0.02435	0	0	0.06895
0	0	0	0	0	0.23518	0
0	0	0	0	0	0.23518	0
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0	0	0	0	0	0	0
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0	0	0.01333	0.01637	0	0	0
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0	0	0.01333	0	0	0	0
0	0	0	0.00957	0	0	0
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0	0	0	15.05206	0	8.97225	0.21586
0	0	0	15.05206	0	8.97225	0.21586
0	0	0	15.05206	0	8.97225	0.21586

0	0	0	0	0	8.97225	0.21586
0	0	0	0	0	8.97225	0.13919
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.07666
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0	0	0	0	0	0	0.07666
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0	0	0	0	0	0	0.07666
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0	0	0	15.05206	0	0	0
0	0	0	15.05206	0	0	0
0	0	0	15.05206	0	0	0
0	0	0	0.05243	0	0	0
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CH49HC	CH4JIC	CH4SYC	CH5O6C	CH5WUC	CH5ZHC	CH64SC
99.83999	100	100	99.99071	99.90669	100	100
9.73763	0	2.81749	6.75421	3.21391	39.28528	79.59884
9.73763	0	2.81749	6.75421	3.21391	39.28528	79.59884
0	0	2.81749	0.07869	0.05844	0.00716	0.46307
0	0	2.69932	0	0	0.00222	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	2.69932	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	2.69932	0	0	0	0
0	0	2.69932	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00222	0
0	0	0	0	0	0.00222	0
0	0	0	0	0	0.00222	0
0	0	0	0.00033	0	0	0
0	0	0	0.00033	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0.00033	0	0	0
0	0	0	0.00033	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.07836	0.05844	0.00494	0.01586
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.07836	0.05844	0.00494	0.01586
0	0	0	0.07836	0.05844	0.0023	0.01586
0	0	0	0.07836	0.05844	0.0023	0.01586
0	0	0	0	0	0.00264	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.11818	0	0	0	0.44721
0	0	0.10952	0	0	0	0
0	0	0.00865	0	0	0	0.44721
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00865	0	0	0	0.44721
0	0	0.00865	0	0	0	0.44721
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
9.73763	0	0	0.16931	3.10084	39.2743	79.13577

9.73763	0	0	0.16931	3.10084	39.2743	79.13577
0	0	0	0	0.0053	0	0
0	0	0	0	0.0053	0	0
0	0	0	0	0.0053	0	0
9.73763	0	0	0.16931	3.09553	39.2743	79.13577
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0.07329	0	0	15.41345
0	0	0	0.07329	0	0	15.41345
0	0	0	0.00983	1.75532	0	63.72232
0	0	0	0.00983	1.75532	0	63.72232
0	0	0	0	0.06443	0	0
0	0	0	0	0.06443	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
9.73763	0	0	0.08619	1.27578	39.2743	0
9.73763	0	0	0.08619	1.27578	39.2743	0
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0	0	0	6.50622	0.05464	0.00382	0
0	0	0	6.50622	0.05464	0.00382	0
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0	0	0	0.01727	0	0	0
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0	0	0	6.48894	0.05464	0	0
0	0	0	6.48894	0.05464	0	0
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66.4258	0	0	43.95454	24.48327	0	0
66.4258	0	0	43.95454	24.48327	0	0
66.4258	0	0	43.95454	24.48327	0	0
56.14425	0	0	39.00087	24.48327	0	0
56.14425	0	0	39.00087	24.48327	0	0

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49.89507	0	0	26.92311	24.33145	0	0
49.89507	0	0	26.92311	24.33145	0	0
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0	0	0	0	0	0	0
4.3736	0	0	0.04457	0	0	0
4.3736	0	0	0.04457	0	0	0
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0	0	0	11.93921	0	0	0
0	0	0	11.93921	0	0	0
0.00084	0	0	0	0	0	0

0.00084	0	0	0	0	0	0
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1.87474	0	0	0.05153	0.15182	0	0
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10.28155	0	0	4.94893	0	0	0
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1.51635	40.65306	33.39347	0.9082	11.03428	16.87915	3.31851
0.7368	40.18901	1.53564	0.62347	1.9581	0.86084	3.30831
0.50137	0.00052	0.21012	0.45034	0.02298	0	2.12321
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0	0.00051	0.01127	0.00565	0	0	0.00419
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0.06049	0	0.0764	0	0.0007	0	0.22647
0.06049	0	0.0764	0	0.0007	0	0.22647
0.41066	0	0.08769	0.44469	0.00351	0	1.79445
0.41066	0	0.08769	0.44469	0.00351	0	1.79445
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0.03023	0	0.03476	0	0.01876	0	0.09811
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0	32.49808	1.25915	0.09215	0.03166	0.2944	0
0	32.49808	1.25915	0.09215	0.03166	0.2944	0
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0	0.00683	0	0.00213	0.04634	0.00439	0.02809
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0.0504	1.93753	0	0.0765	0.43745	0.0751	0.10917
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0.16086	5.73566	0.01092	0.00235	0.83666	0.28607	0.04207
0.16086	5.73566	0.01092	0.00235	0.83666	0.28607	0.04207
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0.01955	0.00626	0	0	0.53525	0.16187	0.20262
0.01955	0.00626	0	0	0.53525	0.16187	0.20262
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0.77955	0	0	0	0.15921	0	0
0.12187	0	0	0	0	0	0

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0	0	0	0	0.15921	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.58798	0	0	0	0	0	0
0.58798	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.46405	31.85783	0.20793	7.90126	9.61903	0.0102
0	0.46405	31.85783	0.20793	7.90126	9.61903	0.0102
0	0	0	0.00031	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00031	0	0	0
0	0.46405	31.85783	0.20761	7.90126	9.61903	0.0102
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.46405	31.85783	0.20761	7.90126	9.61903	0.0102
0	0	0	0.09529	1.66142	1.14772	0
0	0	0	0.09529	1.66142	1.14772	0
0	0.08536	0.00101	0.01652	2.49677	2.56322	0
0	0.08536	0.00101	0.01652	2.49677	2.56322	0
0	0.00361	10.01067	0.06479	0.36884	0.93787	0.00696
0	0	0	0	0	0	0
0	0.00361	10.01067	0.06479	0.36884	0.93787	0.00696
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0	0.37509	21.81592	0.03101	3.37423	4.97021	0.00323
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22.16021	59.34694	63.78904	48.37375	61.17523	43.82678	17.08265
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0	0	0.00663	0.00078	0	0	0.00054
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22.16021	59.34694	63.78241	48.3712	61.17523	43.82678	17.08211
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22.16021	59.34694	62.71397	48.2447	60.74176	43.82678	16.83977
22.16021	59.34694	62.71397	48.2447	60.74176	43.82678	16.83977
1.0545	0	0	0	0.02514	0.00811	0
0.02007	0	0	0	0.01843	0.00586	0
0.02007	0	0	0	0.01843	0.00586	0
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0.037	0.0496	0	0	3.3577	0.09463	0
0.037	0.0496	0	0	3.3577	0.09463	0
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0.41672	0.04106	55.76393	1.872	56.63669	35.19909	0
0	0	40.06518	1.43882	39.56531	24.91442	0
0	0	40.06518	1.43882	39.56531	24.91442	0
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0.41672	0.04106	15.69875	0.43319	17.07138	10.28466	0
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20.65199	59.25628	6.95004	46.3721	0.72223	8.52495	16.83977
0	0	4.15925	0	0.38705	0	0.0633
0	0	4.15925	0	0.38705	0	0.0633
20.65199	13.0378	0	29.102	0.01739	7.69461	16.77647
20.65199	13.0378	0	29.102	0.01739	7.69461	16.77647
0	46.21848	0	0	0	0	0
0	46.21848	0	0	0	0	0
0	0	2.79079	17.16276	0.31779	0.83034	0
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0	0	1.06844	0.12649	0.16956	0	0.24234
0	0	1.06844	0.12649	0.16956	0	0.24234
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0	0	1.03127	0.12485	0.10788	0	0.18604
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0.16001	0	0	0	0.09331	0	0
0.16001	0	0	0	0.09331	0	0
0.16001	0	0	0	0.09331	0	0

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CH6LXC	CH6S1C	CH7K1Ca	CH7K1Cb	CH7OBC	CH7PGC	CH7V4C
100	99.97686	100	100	99.89495	99.96749	100
0.11669	0.02484	0	0.42285	8.47705	32.03355	8.44292
0.11669	0.02484	0	0.42285	8.47705	32.03355	8.44292
0.11669	0.02484	0	0.03537	0.58261	0	0.07519
0	0	0	0.03537	0.30298	0	0.06196
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.03537	0.30298	0	0.06196
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.06272	0	0.00344
0	0	0	0	0.06272	0	0.00344
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.03537	0.24026	0	0
0	0	0	0.03537	0.24026	0	0
0	0	0	0	0	0	0.05852
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0	0.02484	0	0	0.27352	0	0.01323
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0	0.02484	0	0	0.27352	0	0.01323
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0	0.02484	0	0	0.18561	0	0.01323
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0	0	0	0.00351	7.89444	32.03355	1.15879

0	0	0	0.00351	7.89444	32.03355	1.15879
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0.07138	68.27052	8.02185	21.76667	5.02873	0.34992	0.29523
0.07138	68.27052	8.02185	21.76667	5.02873	0.34992	0.29523
0.07138	68.27052	8.02185	21.76667	5.02873	0.34992	0.29523
0.03384	68.27052	8.02185	21.76667	0	0.33828	0
0.03384	68.27052	8.02185	21.76667	0	0.33828	0

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0.03384	68.27052	8.02185	0.21365	0	0.33828	0
0.03384	68.27052	8.02185	0.21365	0	0.33828	0
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0.03754	0	0	0	0	0.01164	0.29523
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0	0	0	0	0	0	0
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92.33323	0.78789	1.73186	29.84404	77.62527	67.35536	64.44539
22.48997	0.78551	1.30316	4.02703	6.62958	67.19685	1.25669
5.36698	0.00857	0.4857	0.24985	0.97662	0.10362	0
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5.36698	0	0.4857	0.24985	0.97662	0.10362	0
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5.36698	0	0.4857	0.24985	0.97662	0.10362	0
0	0	0	0.24886	0.23584	0	0
0	0	0	0.24886	0.23584	0	0
4.89528	0	0.4857	0.001	0.74078	0.00086	0
4.89528	0	0.4857	0.001	0.74078	0.00086	0
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17.12299	0.77694	0.81746	3.77717	5.65295	67.09323	1.25669
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0	0	0	0	0	0	0.01288
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0	0	0	0	0	0	0.01256
0	0	0.69163	0.40369	0	0.07466	0.44393
0	0	0.69163	0.40369	0	0.07466	0.44393
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.69163	0.00372	0	0.07466	0.44393
0	0	0.69163	0.00372	0	0.07466	0.44393
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17.12299	0.77694	0.12583	2.51464	5.61912	25.33181	0.2025
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17.12299	0.77694	0.12583	2.51464	5.61707	25.33181	0.2025
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0.00049	0.05929	0	0.00189	0.13047	0.04627	0
0	0.03247	0	0	2.42712	0	0.00675
0	0.03247	0	0	2.42712	0	0.00675
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17.1225	0.65692	0.04108	0.18004	0.28523	17.95045	0.14517
17.1225	0.65692	0.04108	0.18004	0.28523	17.95045	0.14517
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0	0.02826	0.08475	2.3327	0	6.28199	0.05058
0	0	0.42871	4.79563	0	0.13305	50.55599
0	0	0.42871	4.79563	0	0.13305	50.55599
0	0	0.42871	3.42583	0	0.13305	23.16991
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0	0	0.42871	3.42583	0	0.13305	23.16991
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69.84326	0.00238	0	20.57445	70.99569	0.02546	6.59977
69.84326	0.00238	0	20.57445	70.99569	0.02546	6.59977
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69.84326	0.00238	0	20.57445	70.99569	0.02432	6.59977
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69.84326	0.00238	0	20.57445	70.99569	0.02432	6.59977
0	0	0	0.01773	11.87153	0.00341	0.02296
0	0	0	0.01773	11.87153	0.00341	0.02296
1.56798	0	0	0.49173	9.57725	0	1.11692
1.56798	0	0	0.49173	9.57725	0	1.11692
0.00153	0	0	6.56735	0.14517	0.01625	0.96391
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0.00153	0	0	6.56735	0.14517	0.01625	0.96391
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68.27375	0.00238	0	13.49764	48.88492	0.00465	4.49597
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7.4787	30.8936	90.24629	47.96643	8.76389	0.22866	26.81646
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7.4787	30.8936	90.24629	47.95045	6.07748	0.22866	26.81162
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0.12063	30.31034	90.24423	47.64886	0.01253	0.16895	26.81162
0.12063	30.31034	90.24423	47.64886	0.01253	0.16895	26.81162
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0	28.40025	0	0.28706	0.00938	0.06922	1.85427
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0	28.40025	0	0.28706	0.00938	0.06922	1.85427
0	28.40025	0	0.28706	0.00938	0.06922	1.85427
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0.10594	1.91009	90.24235	43.55578	0.00315	0	8.4367
0.05875	0	69.99669	30.97737	0	0	6.29195
0.05875	0	69.99669	30.97737	0	0	6.29195
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0.04719	1.91009	20.24567	12.57841	0.00315	0	2.14474
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0.01469	0	0	0	0	0	0
0	0	0	0.12363	0	0.09973	0.27777
0	0	0	0.12363	0	0.09973	0.27777
0	0	0	0.12363	0	0.09973	0.27777
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0	0	0	0	0	0	0
7.35807	0.58326	0.00205	0.30159	6.06495	0.05971	0
7.35807	0.58326	0.00205	0.30159	6.06495	0.05971	0
0	0.02459	0	0	0	0	0
0	0.02459	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
7.35807	0.55867	0.00205	0.30159	6.06495	0.05971	0
2.17972	0.10229	0	0.00818	3.07737	0	0
2.17972	0.10229	0	0.00818	3.07737	0	0
4.95815	0.13685	0	0.00305	2.98758	0	0
4.95815	0.13685	0	0.00305	2.98758	0	0
0	0.12814	0	0	0	0	0
0	0.12814	0	0	0	0	0
0.2202	0.18169	0.00205	0.29036	0	0.05971	0
0.2202	0.18169	0.00205	0.29036	0	0.05971	0
0	0.00971	0	0	0	0	0
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CH7YJC	CH86BC	CH8EFC	CH8FVC	CH8KEC	CH9AQC	CH9BGC
99.73253	100	99.98837	100	97.2401	98.75879	92.29986
8.99836	86.22875	96.09193	87.70379	0.00395	26.42766	2.21901
8.99836	86.22875	96.09193	87.70379	0.00395	26.42766	2.21901
0.00081	0.01065	0	0.14384	0.00395	0.02854	0
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0	0.00177	0	0.0086	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00177	0	0.0086	0	0	0

0	0.00177	0	0.0086	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.00081	0.00888	0	0.10606	0.00327	0.00229	0
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0	0	0	0	0	0	0
0.00081	0.00888	0	0.10606	0.00327	0.00229	0
0.00024	0.00888	0	0.10606	0.00094	0.00173	0
0.00024	0.00888	0	0.10606	0.00094	0.00173	0
0.00057	0	0	0	0.00234	0.00055	0
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0	0	0	0.01035	0	0	0
0	0	0	0.01883	0.00068	0	0
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0	0	0	0	0.00068	0	0
0	0	0	0	0.00068	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
8.47876	86.21809	96.09193	87.55074	0	26.39253	1.78515

8.47876	86.21809	96.09193	87.55074	0	26.39253	1.78515
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
8.47876	86.21809	96.09193	87.55074	0	26.39253	1.7751
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0.82934	17.3323	3.12189	14.62667	0	7.58008	0.01936
0.82934	17.3323	3.12189	14.62667	0	7.58008	0.01936
0.22755	0	88.30954	0	0	14.83206	1.06139
0.22755	0	88.30954	0	0	14.83206	1.06139
0	0	0	0	0	0.00233	0
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7.38248	68.88579	4.6605	72.92406	0	3.97805	0.69435
7.38248	68.88579	4.6605	72.92406	0	3.97805	0.69435
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0.03939	0	0	0	0	0	0
0.03939	0	0	0	0	0	0
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0.51879	0	0	0.00922	0	0.00659	0.43387
0.51879	0	0	0.00922	0	0.00659	0.43387
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0.00246	0	0	0	0	0.00099	0.00131
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0.00246	0	0	0	0	0.00099	0
0.00246	0	0	0	0	0.00099	0
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0.51633	0	0	0	0	0.0056	0.43256
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1.28684	0	0.92727	0.00999	40.13039	0.08425	2.02974
1.28684	0	0.92727	0.00999	40.13039	0.08425	2.02974
1.28684	0	0.92727	0.00999	40.13039	0.08425	2.02974
0.79386	0	0.92611	0.00999	40.13039	0.02058	0.9572
0.79386	0	0.92611	0.00999	40.13039	0.02058	0.9572

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0	0	0.92611	0.00999	20.26736	0.01025	0.14893
0	0	0.92611	0.00999	20.26736	0.01025	0.14893
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0	0	0	0	0.07247	0	0
0.04601	0	0	0	0	0	0.19046
0.04601	0	0	0	0	0	0.19046
0.35545	0	0	0	0	0	0.0617

0.35545	0	0	0	0	0	0.0617
0	0	0	0	0	0	0
0.3924	0	0	0	0	0.01033	0.22452
0.3924	0	0	0	0	0.01033	0.22452
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0.49298	0	0.00115	0	0	0.06367	1.04376
0	0	0	0	0	0	0.39433
0	0	0	0	0	0	0.39433
0	0	0	0	0	0	0.39433
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.06367	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.06367	0
0	0	0	0	0	0	0.01582
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.01582
0.49298	0	0	0	0	0	0.63361
0.22566	0	0	0	0	0	0.08733
0.22566	0	0	0	0	0	0.08733
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.54628
0	0	0	0	0	0	0.54628
0	0	0	0	0	0	0
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0.26732	0	0	0	0	0	0
0	0	0.00115	0	0	0	0
0	0	0	0	0	0	0

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0	0	0.00115	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0.02604
0	0	0	0	0	0	0.02604
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00834
0	0	0	0	0	0	0.00834
0	0	0	0	0	0	0.01202
0	0	0	0	0	0	0.01202
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00568
0	0	0	0	0	0	0.00568
0	0	0	0	0	0	0.00273
0	0	0	0	0	0	0.00273
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00273
0	0	0	0	0	0	0.00273
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
86.74797	13.75181	1.27148	6.90902	3.7385	66.35788	14.39666
69.46873	0.25418	1.25167	6.90902	0.95199	3.80116	1.69177
0	0.00915	0.05394	3.89163	0.56571	0	0.0095
0	0	0	0.02007	0	0	0
0	0	0	0.02007	0	0	0
0	0	0	0.02007	0	0	0
0	0	0	0.02007	0	0	0
0	0.0011	0.00046	0.02765	0	0	0
0	0.0011	0.00046	0.02765	0	0	0
0	0.0011	0	0.02543	0	0	0
0	0.0011	0	0.02543	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00046	0.00222	0	0	0
0	0.00804	0.05348	3.84391	0.56571	0	0.0095
0	0	0	0	0	0	0.0095
0	0	0	0	0	0	0.0095
0	0	0	0	0	0	0.0095
0	0.00804	0.05348	3.84391	0.56571	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00804	0.05348	3.18379	0.46188	0	0
0	0.00804	0.05348	3.18379	0.46188	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.08368	0.10384	0	0
0	0	0	0.08368	0.10384	0	0
0	0	0	0.57645	0	0	0
0	0	0	0.57645	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
69.46873	0.24503	1.19773	3.01739	0.38627	3.80116	1.68227
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0	0	0	0	0	0	0
0.00077	0	0	0	0	0.00858	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00077	0	0	0	0	0.00858	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00077	0	0	0	0	0.00858	0
0.05107	0.04758	0.08546	0	0	0.95063	1.06461
0.05107	0.04758	0.08546	0	0	0.95063	1.06461
0.05107	0	0	0	0	0	0.04394
0.05107	0	0	0	0	0	0.04394
0	0	0	0	0	0	0.57352
0	0	0	0	0	0	0.57352
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.04758	0.08546	0	0	0.95063	0.44715
0	0.04758	0.08546	0	0	0.95063	0.44715
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
9.69561	0	0.38484	0	0	0	0.31866
9.50102	0	0.38484	0	0	0	0.31866
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0	0	0.24639	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.09327
0	0	0	0	0	0	0.09327
0	0	0.06287	0	0	0	0.16717
0	0	0.06287	0	0	0	0.16717
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01102	0	0	0	0	0	0
0.01102	0	0	0	0	0	0
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0	0	0	0	0	0	0
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9.49001	0	0.06848	0	0	0	0
9.49001	0	0.06848	0	0	0	0
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0	0	0	0	0	0	0.05822
0	0	0	0	0	0	0.05822

0	0	0.00663	0	0	0	0
0	0	0.00663	0	0	0	0
0.19459	0	0	0	0	0	0
0.19459	0	0	0	0	0	0
0.19459	0	0	0	0	0	0
2.10958	0	0	0	0	0	0
2.10958	0	0	0	0	0	0
2.10958	0	0	0	0	0	0
2.10958	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
57.6117	0.19746	0.72743	3.01739	0.38627	2.84195	0.299
57.58105	0	0	0	0	2.66737	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
57.58105	0	0	0	0	2.66737	0
57.58105	0	0	0	0	2.66737	0
0.03065	0.19746	0.72743	3.01739	0.38627	0.17457	0.299
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00233	0.07052	0.00825	0.01436	0.00135	0.00738	0.00037
0.00233	0.07052	0.00825	0.01436	0.00135	0.00738	0.00037
0.01086	0	0.71918	2.39025	0.13046	0.02267	0.03769
0.01086	0	0.71918	2.39025	0.13046	0.02267	0.03769
0	0	0	0	0	0	0

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0.00223	0	0	0	0	0.00801	0
0.00223	0	0	0	0	0.00801	0
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0	0	0	0	0	0	0
0.01523	0.11694	0	0.61278	0.25446	0.06384	0.04001
0.01523	0.11694	0	0.61278	0.25446	0.06384	0.04001
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.07267	0
0	0	0	0	0	0.07267	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01001	0	0	0	0	0.22093
0	0.01001	0	0	0	0	0.22093
10.0332	0	0.01202	0	1.98899	37.42867	3.18369
10.0332	0	0.01202	0	1.98899	37.42867	3.18369
7.91912	0	0.01202	0	1.98899	6.89811	1.79431
0	0	0	0	0	0	1.49065
0	0	0	0	0	0	1.49065
0	0	0	0	0	0	1.49065
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
7.91912	0	0.01202	0	1.98899	6.89811	0.30366
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1.29094	0.30366
0	0	0	0	0	1.29094	0.30366
0	0	0	0	0	0	0
0	0	0	0	0	0	0
7.91912	0	0	0	0	0.47083	0
7.91912	0	0	0	0	0.47083	0
0	0	0	0	0	0.00013	0
0	0	0	0	0	0.00013	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	2.29833	0
0	0	0	0	0	0.91296	0

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0	0	0	0	0	1.38537	0
0	0	0	0	0	0.02398	0
0	0	0	0	0	0.02398	0
0	0	0	0	0	2.56796	0
0	0	0	0	0	2.56796	0
0	0	0.01202	0	1.98899	0	0
0	0	0.01202	0	1.98899	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.24594	0
0	0	0	0	0	0.24594	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	2.84374	0.32074
0	0	0	0	0	0.11597	0
0	0	0	0	0	0.11597	0
0	0	0	0	0	0.11597	0
0	0	0	0	0	2.72777	0.32074
0	0	0	0	0	2.72777	0.32074
0	0	0	0	0	2.72777	0.32074
0	0	0	0	0	14.94697	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	14.94697	0
0	0	0	0	0	14.94697	0
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0	0	0	0	0	0	0
1.64897	0	0	0	0	3.55274	0.39372
0	0	0	0	0	0	0.32185
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0	0	0	0	0	0	0.00033
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1.44555	0	0	0	0	2.68589	0
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0	0	0	0	0	0	0
1.3894	0	0	0	0	2.33088	0
1.3894	0	0	0	0	2.33088	0
0	0	0	0	0	0.00901	0
0	0	0	0	0	0.00901	0
0.05615	0	0	0	0	0.346	0
0.05615	0	0	0	0	0.346	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.07187
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.01382
0	0	0	0	0	0	0.01382
0	0	0	0	0	0	0.05805
0.20342	0	0	0	0	0.73874	0
0	0	0	0	0	0.06529	0
0	0	0	0	0	0.06529	0
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0	0	0	0	0	0	0
0.20342	0	0	0	0	0.34903	0
0.20342	0	0	0	0	0.34903	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0.12811	0
0	0	0	0	0	0.01149	0
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0	0	0	0	0	0	0
0	0	0	0	0	0.00994	0
0	0	0	0	0	0.00994	0
0	0	0	0	0	0.10668	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	2.10105	0
0	0	0	0	0	2.10105	0
0	0	0	0	0	2.10105	0
0	0	0	0	0	0.68721	0.35706
0	0	0	0	0	0.68721	0.35706
0	0	0	0	0	0.68721	0.03707
0	0	0	0	0	0.68721	0.03707
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.32
0	0	0	0	0	0	0.32
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.46511	0	0	0	0	6.39886	0.31785
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.46511	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.46511	0	0	0	0	0	0
0.46511	0	0	0	0	0	0
0	0	0	0	0	6.39886	0.31785
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	6.39886	0.31785
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1.92538	1.98675
0	0	0	0	0	1.92538	1.98675
0	0	0	0	0	1.92538	1.98675
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0	0	0	0	0	1.15463	1.93361
0	0	0	0	0	0.1346	1.93361
0	0	0	0	0	0.1346	1.93361
0	0	0	0	0	1.02003	0
0	0	0	0	0	0.77075	0.05314
0	0	0	0	0	0.01081	0

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0	0	0	0	0	0	0.05314
0	0	0	0	0	0	0.05314
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
7.24604	13.49763	0.00779	0	0.79752	23.20268	7.53445
7.24604	13.49763	0.00779	0	0.79752	23.20268	7.53445
0	0.04255	0	0	0	0	0
0	0	0	0	0	0	0
0	0.04255	0	0	0	0	0
0	0.04255	0	0	0	0	0
0	0.04255	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
7.24604	13.45508	0.00779	0	0.79752	23.20268	7.53445
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2.68859	0	0	0	0	0.0314	0
0.01576	0	0	0	0	0.0314	0
0.01576	0	0	0	0	0.0314	0
2.67283	0	0	0	0	0	0
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0	0	0	0	0	0	0.10444
4.55745	13.45508	0.00779	0	0.79752	23.17128	7.40988
0.71825	0.00344	0.00779	0	0.72723	0.28993	1.30597
0.71825	0.00344	0.00779	0	0.72723	0.28993	1.30597
0.35892	0	0	0	0	0.01126	0
0.35892	0	0	0	0	0.01126	0
0	0.00515	0	0	0	0.09267	0.10774
0	0	0	0	0	0	0
0	0.00515	0	0	0	0.09267	0.10774
0	13.44649	0	0	0	22.77742	0
0	13.44649	0	0	0	22.77742	0
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3.48028	0	0	0	0	0	5.99616
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2.69936	0.01944	1.6977	5.37719	53.36726	5.88899	73.65446
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0	0	0	0	0	0	0
1.87637	0	0	0.00488	0	0.06924	0.08452
1.87637	0	0	0	0	0.06924	0.08452
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
1.87637	0	0	0	0	0.06708	0.08452
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.87637	0	0	0	0	0.06708	0.08452
0	0	0	0.00488	0	0	0
0	0	0	0.00488	0	0	0
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0	0	0	0	0	0	0

0.01092	0	0	0	0	0	0
0.01092	0	0	0	0	0	0
0.01092	0	0	0	0	0	0
0.01092	0	0	0	0	0	0
0.01092	0	0	0	0	0	0
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0.81207	0.01944	1.6977	5.37231	53.36726	5.81975	73.4493
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0	0	0	0	0	0	0.02045
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0	0	0	0	0	0	0.012
0	0	0	0	0	0	0.012
0	0	0	0	0	0	0.00845
0.81207	0.00729	1.40362	1.51651	53.35633	5.78926	73.38861
0.81207	0.00729	1.40362	1.51651	53.35633	5.78926	73.38861
0	0	0	0	0	0.39669	0.05852
0	0	0	0	0	0.31741	0.0385
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0	0	0	0.05432	0	1.31282	6.40733
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0	0	0	0.05432	0	1.31282	6.40733
0	0	0	0.05432	0	1.31282	6.40733
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0.00619	0	0	0	0	0	0
0.00619	0	0	0	0	0	0
0.77523	0	1.40362	1.42287	53.35633	3.47157	4.16972
0.66345	0	1.10523	0.92173	41.07516	1.90012	2.83839
0.66345	0	1.10523	0.92173	41.07516	1.90012	2.83839
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0.11178	0	0.29838	0.50114	12.28117	1.57145	1.33133
0.00084	0	0	0	0	0	0
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0.02896	0.00729	0	0	0	0.60819	62.386
0	0	0	0	0	0.19304	0.32949
0	0	0	0	0	0.19304	0.32949
0.01114	0.00558	0	0	0	0.17313	62.05652
0.01114	0.00558	0	0	0	0.17313	62.05652
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0.01782	0.00171	0	0	0	0.24203	0
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0	0.01215	0.26794	0	0.01093	0.03049	0
0	0.01215	0.26794	0	0.01093	0.03049	0
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0	0.01215	0.26794	0	0.01093	0.03049	0
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0	0	0	0	0	0	0
0	0.01215	0.26794	0	0.01093	0.03049	0
0	0.01215	0.26794	0	0.01093	0.03049	0
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0	0	0.02614	3.8548	0	0	0.04025
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0	0	0	2.82634	0	0	0.00447
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0	0	0.02614	0.03937	0	0	0
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0.23814	0	0.01163	0	2.7599	1.23527	7.70014
0.23814	0	0.01163	0	2.7599	1.23527	7.70014
0.23814	0	0.01163	0	2.7599	1.23527	7.70014

0	0	0.01163	0	2.7599	1.23527	7.06637
0	0	0	0	0	1.21365	7.06637
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0	0	0	0	0	0	0
0.23814	0	0	0	0	0	0.63376
0.23814	0	0	0	0	0	0
0.23814	0	0	0	0	0	0
0.02501	0	0	0	0	0	0
0.02501	0	0	0	0	0	0
0.21314	0	0	0	0	0	0
0.21314	0	0	0	0	0	0
0	0	0	0	0	0	0.63376
0	0	0	0	0	0	0.63376
0	0	0	0	0	0	0.63376
0	0	0	0	0	0	0.63376
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0

CH9FMC	CH9IXC	CH9MWC	CH9OOC	CH9QUC	CH9SIC	CHA76C
100	99.8852	65.00585	100	99.874	99.48779	99.91288
0.24599	0.45822	0	0.08907	0.05583	13.15551	0.04121
0.24599	0.45822	0	0.08907	0.05583	13.15551	0.04121
0	0	0	0	0.05583	0.00059	0.01741
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00059	0
0	0	0	0	0	0.00059	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0.05001	0	0.01741
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0	0	0	0	0	0	0
0	0	0	0	0.05001	0	0.01741
0	0	0	0	0.05001	0	0.01741
0	0	0	0	0.05001	0	0.01741
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0	0	0	0	0.00583	0	0
0	0	0	0	0.00522	0	0
0	0	0	0	0.00061	0	0
0	0	0	0	0.00061	0	0
0	0	0	0	0.00061	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.24599	0.45822	0	0.0881	0	13.15364	0.02379

0.24599	0.45822	0	0.0881	0	13.15364	0.02379
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.24599	0	0	0.0881	0	13.11787	0.02379
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0	0	0	0.08549	0	0	0
0	0	0	0.08549	0	0	0
0	0	0	0	0	13.08067	0.02379
0	0	0	0	0	13.08067	0.02379
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0.24599	0	0	0	0	0	0
0	0	0	0.00261	0	0.03721	0
0	0	0	0.00261	0	0.03721	0
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0	0.45822	0	0	0	0.03576	0
0	0.45822	0	0	0	0.03576	0
0	0.45822	0	0	0	0.03576	0
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0	0	0	0.00097	0	0.00129	0
0	0	0	0.00097	0	0.00129	0
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96.47061	2.44743	0	1.11002	0.00501	0.67491	0.11863
96.47061	2.43324	0	1.11002	0.00501	0.67491	0.11863
96.47061	2.43324	0	1.11002	0.00501	0.67491	0.11863
5.26166	2.43324	0	0.98471	0.00501	0.48908	0
5.26166	2.43324	0	0.98471	0.00501	0.48908	0

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0	0	0	0	0	0.0058	0
0	0	0	0.09261	0	0.05106	0

0	0	0	0.09261	0	0.05106	0
0	0	0	0	0	0	0
5.26166	2.43324	0	0.32608	0.00501	0.34134	0
5.26166	2.43324	0	0.32608	0.00501	0.34134	0
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91.20895	0	0	0.12531	0	0.17416	0
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0	0	0	0	0	0	0
91.20895	0	0	0.12531	0	0.17416	0
15.85675	0	0	0.09859	0	0	0
15.85675	0	0	0.09859	0	0	0
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0	0	0	0	0	0.00733	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
75.35219	0	0	0.02672	0	0.16682	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.04772
0	0	0	0	0	0	0.04772
0	0	0	0	0	0	0.04191
0	0	0	0	0	0	0.04191
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0	0	0	0	0	0	0.02901
0	0	0	0	0	0	0.02901
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0	0	0	0	0	0	0
0	0	0	0	0	0.01167	0
0	0	0	0	0	0.01167	0
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0	0	0	0	0	0.00598	0
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0	0	0	0	0	0.00071	0
0	0	0	0	0	0.00071	0

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0	0	0	0	0	0.00498	0
0	0.01419	0	0	0	0	0
0	0.01419	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01419	0	0	0	0	0
0	0.01419	0	0	0	0	0
2.71834	4.14469	6.9635	1.32311	36.58807	44.72723	50.60229
2.39039	3.54037	1.90223	1.3119	17.402	44.665	45.94951
2.05798	0.27211	0.02266	0.94747	0.25922	0.04194	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0629	0.00821	0	0
0	0	0	0.0629	0.00821	0	0
0	0	0	0.0629	0.00821	0	0
0	0	0	0.0629	0.00821	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.05798	0.27211	0.02266	0.88458	0.25101	0.04194	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.05798	0.27211	0.02266	0.88458	0.25101	0.04194	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.05798	0.27211	0.00868	0.53673	0.23385	0.04194	0
2.05798	0.27211	0.00868	0.53673	0.23385	0.04194	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.01398	0.34785	0.01715	0	0
0	0	0.01398	0.34785	0.01715	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0.3324	3.26826	1.87957	0.36443	17.14278	44.62306	45.94951
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.17662	1.7914	0.27507	15.21813	0.00046	0
0	0.17662	1.7914	0.27507	15.21813	0.00046	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	2.52376	0	0
0	0	0	0	2.52376	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.17662	1.7914	0.27507	12.69437	0.00046	0
0	0.17662	1.7914	0.27507	12.69437	0.00046	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.09771	0	0	0.02233	0	40.55234	5.50173
0.09771	0	0	0.02233	0	40.55234	5.33581
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0	0	0	0.02233	0	0	0
0	0	0	0.02233	0	0	0
0	0	0	0	0	16.19305	0
0	0	0	0	0	16.19305	0
0.02386	0	0	0	0	23.68072	0
0.02386	0	0	0	0	23.68072	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.07386	0	0	0	0	0.66769	5.33581
0.07386	0	0	0	0	0.66769	5.33581
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0	0	0	0	0	0	0.16592
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0	0	0	0	0	0	4.82321
0	0	0	0	0	0	4.82321
0	0	0	0	0	0	1.33652
0	0	0	0	0	0	1.33652
0	0	0	0	0	0	3.48669
0	0	0	0	0	0	3.48669
0.23469	3.09164	0.08817	0.06703	1.92466	4.07026	35.62457
0	0.14608	0.00247	0	0	0	34.98825
0	0	0	0	0	0	0.09044
0	0	0	0	0	0	0.09044
0	0.14608	0.00247	0	0	0	34.89781
0	0.14608	0.00247	0	0	0	34.89781
0.23469	2.94556	0.0857	0.06703	1.92466	4.07026	0.63633
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.01534	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0.0025	0
0	0	0	0	0	0.0025	0
0	0	0	0.01016	0	0	0.00647
0	0	0	0.01016	0	0	0.00647
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01544	0.02821	0	0.00191	0.03369	0.00077	0.08782
0.01544	0.02821	0	0.00191	0.03369	0.00077	0.08782
0.21925	0.03219	0.01145	0	0.50566	0.08168	0.43092
0.21925	0.03219	0.01145	0	0.50566	0.08168	0.43092
0	0	0	0	0	0	0

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0	0	0	0	0	0	0.03753
0	0	0	0	0	0	0.03753
0	0.01693	0	0	0	0	0
0	0.01693	0	0	0	0	0
0	1.86409	0.05806	0	1.36805	0.00994	0.07358
0	1.86409	0.05806	0	1.36805	0.00994	0.07358
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	1.00414	0	0	0.00192	3.78805	0
0	1.00414	0	0	0.00192	3.78805	0
0.32796	0.31633	5.05232	0	18.77795	0.01237	0
0.32796	0.31633	5.05232	0	18.77795	0.01237	0
0	0.31633	5.05232	0	18.77714	0	0
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0	0.31633	5.05232	0	18.77714	0	0
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0	0.28799	0.00895	0.01121	0.40811	0.0487	4.65277
0	0.28799	0.00895	0.01121	0.40811	0.0487	4.65277
0	0.01056	0	0	0	0	0
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0	0.27742	0.00895	0.01121	0.40811	0.0487	4.65277
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0	0.038	0.00895	0	0.40811	0.0487	4.65277
0	0.038	0	0	0	0.02443	0.01243
0	0.038	0	0	0	0.02443	0.01243
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0.56506	92.83486	58.04235	97.4778	63.22508	40.92436	49.15075
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0	0	0	0	0	0	0
0.56506	92.83486	58.04235	97.38029	63.22508	40.92436	49.15075
0	0.0093	0.04491	0	0	0	0
0	0.0093	0.04491	0	0	0	0
0	0.0093	0.04491	0	0	0	0
0	0.00103	0.02173	0	0	0	0
0	0.00103	0.02173	0	0	0	0
0	0.00827	0.02318	0	0	0	0
0.56506	89.17945	57.39835	96.20939	62.86594	40.92436	49.15075
0.56506	89.17945	57.39835	96.20939	62.86594	40.92436	49.15075
0	0.46709	9.0072	0	0	0.39225	0.01732
0	0.23593	2.98507	0	0	0.14741	0.00823
0	0.23593	2.98507	0	0	0.14741	0.00823
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0	0.23116	6.02214	0	0	0.24484	0.00908
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0	4.65978	36.14158	0	55.61384	32.8578	0.04893
0	0	31.29853	0	55.61384	0	0.04893
0	0	31.29853	0	55.61384	0	0.04893
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0	0.55979	0	0	0	0	0
0	3.61907	4.84305	0	0	32.8578	0
0	2.8552	3.53646	0	0	0	0
0	0.76387	1.30659	0	0	32.8578	0
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0	37.04444	4.86884	96.20939	7.2516	2.02616	43.21524
0	22.4845	0.02847	65.74256	0	0.32222	34.84965
0	22.4845	0.02847	65.74256	0	0.32222	34.84965
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	14.55994	4.84037	30.46683	7.2516	1.70394	8.36559
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.56506	46.82949	7.38073	0	0.0005	5.64816	5.86748
0	31.74673	0.35994	0	0	0.08941	0
0	31.74673	0.35994	0	0	0.08941	0
0.36344	1.97278	5.34217	0	0	5.24121	4.2003
0.36344	1.97278	5.34217	0	0	5.24121	4.2003
0	0	0.12363	0	0	0	0.9652
0	0	0.12363	0	0	0	0.9652
0.20162	13.10998	1.55499	0	0.0005	0.31753	0.70198
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00178
0	0	0	0	0	0	0.00178
0	0	0	0	0	0	0.00178
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.13945	0	0	0	0	0
0	0.13945	0	0	0	0	0

0	0.13945	0	0	0	0	0
0	0.03919	0	0	0	0	0
0	0.03919	0	0	0	0	0
0	0.03919	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00475	1.1709	0.35914	0	0
0	0	0.00475	1.1709	0.35914	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00475	1.1709	0.35914	0	0
0	0	0	0.12476	0.17307	0	0
0	0	0	0.12476	0.17307	0	0
0	0	0	0.12352	0.18607	0	0
0	0	0	0.12352	0.18607	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00475	0.92263	0	0	0
0	0	0.00475	0.92263	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	3.64611	0.59082	0	0	0	0
0	3.42982	0.59082	0	0	0	0
0	3.42982	0.59082	0	0	0	0
0	0.01707	0.27061	0	0	0	0
0	0.01707	0.27061	0	0	0	0
0	0	0	0	0	0	0
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0	0	0.0079	0	0	0	0
0	0	0.0079	0	0	0	0

0	0	0.16402	0	0	0	0
0	0	0.16402	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	3.40099	0	0	0	0	0
0	3.40099	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.11717	0	0	0	0
0	0.01177	0.03112	0	0	0	0
0	0.01177	0.03112	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.21628	0	0	0	0	0
0	0.21628	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.1048	0	0	0	0	0
0	0.1048	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01511	0	0	0	0	0
0	0.01511	0	0	0	0	0
0	0.09636	0	0	0	0	0
0	0	0.00351	0	0	0	0
0	0	0.00351	0	0	0	0
0	0	0.00351	0	0	0	0
0	0	0.00266	0	0	0	0
0	0	0.00266	0	0	0	0
0	0	0.00085	0	0	0	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00578	0
0	0	0	0	0	0.00578	0
0	0	0	0	0	0.00578	0
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0	0	0	0	0	0.00578	0
0	0	0	0	0	0.00578	0
0	0	0	0	0	0.51221	0.08712
0	0	0	0	0	0.51221	0.08712
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.51221	0.08712
0	0	0	0	0	0.51221	0.08712
0	0	0	0	0	0.10017	0.00627
0	0	0	0	0	0.10017	0.00627
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0	0	0	0	0	0	0
0	0	0	0	0	0.41205	0.08085
0	0	0	0	0	0.41205	0.08085
0	0	0	0	0	0.41205	0.08085
0	0	0	0	0	0.41205	0.08085
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.1148	34.99415	0	0.126	0	0
0	0.1148	34.99415	0	0.126	0	0
0	0.1148	34.99415	0	0.126	0	0

0	0	34.99415	0	0.126	0	0
0	0	34.7081	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	34.7081	0	0	0	0
0	0	34.7081	0	0	0	0
0	0	34.7081	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.28605	0	0.126	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.28605	0	0.126	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.126	0	0
0	0	0	0	0.126	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.1148	0	0	0	0	0
0	0.1148	0	0	0	0	0
0	0.1148	0	0	0	0	0
0	0.1148	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

CHAA7C	CHAG6C	CHAMAC	CHAPPC	CHAQ2C	CHAS8C	CHAU8C
100	100	99.5844	99.99606	100	99.99497	100
29.8644	9.33684	0	39.08446	0.11773	14.2944	23.06039
29.8644	9.33684	0	39.08446	0.11773	14.2944	23.06039
0.67114	0	0	0.04168	0.11773	0	0.00818
0.67114	0	0	0.01321	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.01321	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00499	0	0	0
0	0	0	0.00499	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00822	0	0	0
0	0	0	0.00822	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.67114	0	0	0	0	0	0
0.67114	0	0	0	0	0	0
0.67114	0	0	0	0	0	0
0	0	0	0.00437	0.05268	0	0.00818
0	0	0	0.00437	0.05268	0	0.00818
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00437	0	0	0.00818
0	0	0	0.00437	0	0	0.00818
0	0	0	0	0.00602	0	0
0	0	0	0	0.00602	0	0
0	0	0	0	0.04666	0	0
0	0	0	0	0.04666	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0241	0.00768	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0241	0.00768	0	0
0	0	0	0.0217	0.00555	0	0
0	0	0	0.0217	0.00555	0	0
0	0	0	0.00241	0.00214	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.05737	0	0
0	0	0	0	0.00936	0	0
0	0	0	0	0.04801	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.04801	0	0
0	0	0	0	0.04801	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
28.49741	3.35752	0	37.93343	0	14.27998	23.05221

28.49741	3.35752	0	37.93343	0	14.27998	23.05221
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
28.49741	3.35752	0	37.93343	0	14.27998	22.93785
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.07656	0	0	0	0.2806	0
0	0.07656	0	0	0	0.2806	0
0	0.0477	0	37.24769	0	0.01131	0
0	0.0477	0	37.24769	0	0.01131	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
28.49741	0	0	0.68574	0	0	22.93785
28.49741	0	0	0.68574	0	0	22.93785
0	2.28372	0	0	0	13.98807	0
0	2.28372	0	0	0	13.98807	0
0	0	0	0	0	0	0
0	0.03485	0	0	0	0	0
0	0.03485	0	0	0	0	0
0	0.91468	0	0	0	0	0
0	0.91468	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.11436
0	0	0	0	0	0	0.11436
0	0	0	0	0	0	0.11436
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.69585	5.97933	0	1.10936	0	0.01442	0
0.69585	5.97933	0	1.10936	0	0.01442	0
0	0	0	0.01097	0	0	0
0	0	0	0.01097	0	0	0
0	0	0	0.01097	0	0	0

0.02306	0	0	0.00126	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02306	0	0	0.00126	0	0	0
0.02306	0	0	0.00126	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	5.57007	0	0	0	0.00586	0
0	0.00892	0	0	0	0.00586	0
0	0.00892	0	0	0	0.00586	0
0	5.56115	0	0	0	0	0
0	5.56115	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.00803	0	0	0	0	0	0
0.00803	0	0	0	0	0	0
0.00803	0	0	0	0	0	0
0	0.40926	0	1.09124	0	0.00856	0
0	0.00417	0	0.38551	0	0	0
0	0.00417	0	0.38551	0	0	0
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0	0	0	0	0	0	0
0	0.40509	0	0.70573	0	0.00856	0
0.58925	0	0	0.00589	0	0	0
0.58925	0	0	0.00589	0	0	0
0.58925	0	0	0.00589	0	0	0
0.07551	0	0	0	0	0	0
0.07551	0	0	0	0	0	0
0.07551	0	0	0	0	0	0
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0	0	0	0	0	0	0
33.1581	20.41242	0	0.00041	0	0.07024	0.01249
33.1581	20.41242	0	0.00041	0	0.07024	0.01249
33.1581	20.41242	0	0.00041	0	0.07024	0.01249
33.1581	20.29013	0	0	0	0.07024	0
33.1581	20.29013	0	0	0	0.07024	0

0	0.02836	0	0	0	0	0
0	0.02836	0	0	0	0	0
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0	0.25118	0	0	0	0	0
0	0.25118	0	0	0	0	0
0	0.00439	0	0	0	0	0

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33.1581	19.95016	0	0	0	0	0
33.1581	19.95016	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.11323	0	0.00041	0	0	0.01249
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.08635	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.08635	0	0	0	0	0
0	0.08635	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.02001	0	0	0	0	0.01249
0	0.0054	0	0	0	0	0
0	0.0054	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01461	0	0	0	0	0.01249
0	0.00687	0	0.00041	0	0	0
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0	0	0	0.00041	0	0	0
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0	0.00687	0	0	0	0	0
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0	0.00455	0	0	0	0	0
0	0.00451	0	0	0	0	0
0	0.00451	0	0	0	0	0
0	0	0	0	0	0	0
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24.8371	62.8727	71.54887	54.91665	67.22449	13.28791	42.76348
1.10568	5.3639	14.65424	0.70112	20.21901	0.51542	11.06152
0	0	0.05739	0	5.30453	0.00453	0.07634
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.0037	0	0	9.00E-05	0
0	0	0.0037	0	0	9.00E-05	0
0	0	0.0037	0	0	0	0
0	0	0.0037	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	9.00E-05	0
0	0	0.05369	0	5.30453	0.00444	0.07634
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.05369	0	5.30453	0.00444	0.07634
0	0	0	0	0	0	0.07634
0	0	0	0	0	0	0.07634
0	0	0.05369	0	2.18299	0.00444	0
0	0	0.05369	0	2.18299	0.00444	0
0	0	0	0	0	0	0
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0	0	0	0	3.12154	0	0
0	0	0	0	3.12154	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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1.10568	5.3639	14.59685	0.70112	14.91448	0.5109	10.98518
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0	0	0	0.03284	0	0	0
0	0	0	0.00642	0	0	0
0	0	0	0.00642	0	0	0
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0	0	0	0.02642	0	0	0
0.73158	3.92521	2.24493	0.12164	1.59607	0.48391	0.06395
0.73158	3.92521	2.24493	0.12164	1.59607	0.48391	0.06395
0.24759	3.24983	0	0.02378	0	0.00413	0
0.24759	3.24983	0	0.02378	0	0.00413	0
0.46216	0	0	0.00236	0	0	0
0.46216	0	0	0.00236	0	0	0
0	0	0	0	0	0	0
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0.02183	0.00387	2.24493	0.02211	1.59607	0.47978	0.06395
0.02183	0.00387	2.24493	0.02211	1.59607	0.47978	0.06395
0	0.67151	0	0.06449	0	0	0
0	0.67151	0	0.06449	0	0	0
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0.01645	1.33487	0	0.00154	0	0	10.49554
0.01645	1.33487	0	0.00154	0	0	10.49554
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0	1.33487	0	0.00154	0	0	6.82777
0	1.33487	0	0.00154	0	0	6.82777
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0.35765	0.10381	12.35192	0.5451	13.31841	0.02699	0.42569
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0	0.06226	0	0	0	0	0
0	0.06226	0	0	0	0	0
0.35765	0.04156	12.35192	0.5451	13.31841	0.02699	0.42569
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0	0	0	0.00042	0	0	0
0	0	0	0.00042	0	0	0
0	0	0.00106	0	0	0.00051	0
0	0	0.00106	0	0	0.00051	0
0.07121	0	0	0.00045	0	0	0
0.07121	0	0	0.00045	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.02421	0.01751	0.01464	0.00502	0.01286
0	0	0.02421	0.01751	0.01464	0.00502	0.01286
0.01373	0.00763	0	0.14569	1.49333	0	0
0.01373	0.00763	0	0.14569	1.49333	0	0
0	0	0	0	0	0	0.18373

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0	0	0	0.0089	0	0	0
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0	0	0	0	0	0	0
0.27271	0.03393	0.15186	0.36135	11.78989	0.00896	0.15519
0.27271	0.03393	0.15186	0.36135	11.78989	0.00896	0.15519
0	0	0	0	0	0	0
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0	0	0	0.00045	0	0	0
0	0	0	0.00045	0	0	0
0	0	12.17479	0.01035	0.02055	0	0.07392
0	0	12.17479	0.01035	0.02055	0	0.07392
4.52702	34.60817	0	28.99213	0	3.12757	31.50633
4.52702	34.60817	0	28.99213	0	3.12757	31.50633
2.76802	15.83388	0	5.24054	0	2.78733	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.76802	15.83388	0	5.24054	0	2.78733	0
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0	0	0	0	0	0	0
0	0.07724	0	1.34075	0	0.00754	0
0	0.07724	0	1.34075	0	0.00754	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	2.20862	0	0	0	0	0
0	2.20862	0	0	0	0	0
0	1.82946	0	0	0	0.02341	0
0	1.82946	0	0	0	0.02341	0

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0	0.01614	0	2.59095	0	0.00174	0
0	0.01614	0	2.59095	0	0.00174	0
0	0	0	0	0	2.72252	0
0	0	0	0	0	2.72252	0
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0	0	0	0	0	0	0
0	0	0	0	0	0.03213	0
0	0	0	0	0	0.03213	0
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0	0	0	0	0	0	0
2.76802	0	0	0	0	0	0
2.76802	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	11.66003	0	0	0	0	0
0	11.66003	0	0	0	0	0
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0	0	0	0	0	0	0
0.49597	4.43872	0	0.23733	0	0.02006	3.84866
0	2.76087	0	0.1693	0	0	0
0	2.76087	0	0.1693	0	0	0
0	2.76087	0	0.1693	0	0	0
0.49597	1.67785	0	0.06803	0	0.02006	3.84866
0.49597	1.67785	0	0.06803	0	0.02006	3.84866
0.49597	1.67785	0	0.06803	0	0.02006	3.84866
0	1.21908	0	0	0	0.00141	0
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0	0	0	0	0	0.00141	0
0	0	0	0	0	0.00141	0
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0	1.21908	0	0	0	0	0
0	1.21908	0	0	0	0	0
0.56298	10.4171	0	22.58692	0	0.26504	27.64051
0	0.00547	0	1.06278	0	0.01095	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0.00547	0	1.06278	0	0.01095	0
0.11519	10.33857	0	20.30151	0	0.21321	24.53806
0.11519	0	0	0	0	0	0
0.11519	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	7.54049	0	19.87155	0	0.20376	23.82825
0	7.54049	0	19.87155	0	0.20376	23.82825
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	2.79808	0	0.42996	0	0.00945	0.70981
0	2.79808	0	0.42996	0	0.00945	0.70981
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.71605	0	0	0
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0	0	0	0	0	0	0
0.44779	0.07306	0	0.50352	0	0.04088	3.10246
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.04088	3.10246
0	0	0	0	0	0.04088	3.10246
0	0.07306	0	0	0	0	0
0	0.07306	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.36943	0	0	0.05747	0	0	0

0.36943	0	0	0.05747	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0.07836	0	0	0.38143	0	0	0
0.07836	0	0	0.38143	0	0	0
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0	0	0	0	0	0.03724	0
0	0	0	0	0	0.03724	0
0.70006	0.5027	0	0.91726	0	0.00482	0.01716
0.70006	0.5027	0	0.91726	0	0.00482	0.01716
0	0.5027	0	0.45534	0	0	0
0	0.5027	0	0.45534	0	0	0
0	0	0	0	0	0	0
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0.70006	0	0	0.46192	0	0.00482	0.01716
0.70006	0	0	0	0	0.00482	0.01716
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0	2.19669	0	0.01009	0	0.01166	0
0	2.07845	0	0.01009	0	0	0
0	2.07845	0	0.00765	0	0	0
0	2.07845	0	0.00765	0	0	0
0	0	0	0.00244	0	0	0
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0	0	0	0	0	0	0
15.2012	1.48315	0	0.0217	0	0.03318	0
15.2012	1.48315	0	0.0217	0	0.03318	0
15.2012	1.48315	0	0.0217	0	0.03318	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
11.58816	1.16445	0	0	0	0.01532	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
11.58816	1.16445	0	0	0	0.01532	0
3.61303	0.31869	0	0.01922	0	0.01785	0
0	0.00345	0	0	0	0	0

0	0.00345	0	0	0	0	0
3.61303	0.30913	0	0	0	0.00011	0
3.61303	0.30913	0	0	0	0.00011	0
0	0	0	0.00841	0	0.00029	0
0	0	0	0.00841	0	0.00029	0
0	0.00611	0	0.01081	0	0	0
0	0.00611	0	0.01081	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0.01745	0
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0	0	0	0	0	0	0
0	0	0	0.00249	0	0	0
0	0	0	0.00249	0	0	0
0	0	0	0.00249	0	0	0
4.0032	21.41749	56.89463	25.20169	47.00548	9.61174	0.19562
4.0032	21.41749	56.89463	25.20169	47.00548	9.61174	0.19562
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
4.0032	21.41749	56.89463	25.20169	47.00548	9.61174	0.19562
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0.02447	0	3.81721	0	0	0
0	0.00266	0	0.06568	0	0	0
0	0.00266	0	0.06568	0	0	0
0	0.02181	0	3.75154	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
4.0032	21.39302	56.89463	21.38448	47.00548	9.61174	0.19562
0.17727	0.61043	0	2.31536	0.17642	0.93688	0
0.17727	0.61043	0	2.31536	0.17642	0.93688	0
0.18467	0.14198	3.29324	0.65563	0.09943	0.65454	0
0.18467	0.14198	3.29324	0.65563	0.09943	0.65454	0
2.46394	3.75883	0.21082	0.76807	20.05911	3.29446	0.19243
0	0	0	0	0	0	0
2.46394	3.75883	0.21082	0.76807	20.05911	3.29446	0.19243
0	0.02107	0	0	0	0.0797	0
0	0.02107	0	0	0	0.0797	0
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0	0	0	0	0	0	0
0	0	0.71184	0	0	0	0
0	0	0.71184	0	0	0	0
1.17732	16.86071	52.67872	17.64542	26.67052	4.64615	0.0032
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0	0	0	0.00347	0	0	0
0	0	0	0.00347	0	0	0
0	0	0	0.00021	0	0	0
0	0	0	0.00021	0	0	0
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0	0	0	0.00021	0	0	0
0	0	0	0.00021	0	0	0
0	0	0	0.00326	0	0	0
0	0	0	0.00326	0	0	0
0	0	0	0.00251	0	0	0

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0	0	0	0.00075	0	0	0
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12.1404	7.3689	28.03552	5.99107	32.65777	72.34242	34.16364
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0.05762	0	0	0	0
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0	0	0.00529	0	0	0	0
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0	0	0.05233	0	0	0	0
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0	0	0	0	0	0.00205	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0.00308	0	0.0046	0	0	0
0	0.00308	0	0.0046	0	0	0
0	0.00308	0	0.0046	0	0	0
0	0.00308	0	0.0046	0	0	0
0	0.00308	0	0.0046	0	0	0
0	0.00308	0	0.0046	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
12.1404	7.36582	27.9779	5.98647	32.65777	72.30311	34.16364
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
12.11763	7.33461	0.17478	5.40046	32.64733	71.06757	33.61048
12.11763	7.33461	0.17478	5.40046	32.64733	71.06757	33.61048
0.01193	0.35078	0	0	0	0	0
0.01193	0.14819	0	0	0	0	0
0.01193	0.14819	0	0	0	0	0
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0	0.2026	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00738	1.18329	0	0	0	0.00469	0.19791
0.00689	1.15425	0	0	0	0.00469	0
0.00689	1.15425	0	0	0	0.00469	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00049	0.02905	0	0	0	0	0.19791
0.00049	0.02905	0	0	0	0	0.19791
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
11.93637	0.48082	0	5.09325	4.88745	71.05819	0
8.85435	0.24947	0	3.99999	0	55.23683	0
8.85435	0.24947	0	3.99999	0	55.23683	0
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3.08202	0.23135	0	1.09326	4.88745	15.82136	0
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0.01659	5.2894	0	0.30389	0.44762	0.0043	33.41257
0.00508	0.03403	0	0.20093	0	0	0
0.00508	0.03403	0	0.20093	0	0	0
0.01152	4.45432	0	0	0	0.0043	33.41257
0.01152	4.45432	0	0	0	0.0043	33.41257
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0	0.80106	0	0.10296	0.44762	0	0
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0	0.0173	0	0	0	0	0
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0	0	0.17478	0	0	0	0
0.14536	0	0	0	0	0.00038	0
0.14536	0	0	0	0	0	0
0.14536	0	0	0	0	0	0
0	0	0	0	0	0.00038	0
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0	0	0	0	27.31226	0	0

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0	0	27.80313	0.58601	0.01045	1.23554	0.55317
0	0	27.80313	0.58601	0.01045	1.23554	0.55317
0	0	0.26533	0	0	0	0
0	0	0.26533	0	0	0	0
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0	0	0.09972	0	0	0.00419	0
0	0	0.09972	0	0	0.00419	0
0	0	0	0	0	0.00151	0
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0	0	0.49566	0	0	0	0
0	0	0.49566	0	0	0	0
0	0	26.89536	0.58601	0.01045	1.22984	0.55317
0	0	26.89536	0.58601	0.01045	1.22984	0.55317
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0.02277	0.03121	0	0	0	0	0
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0	0	0.4156	0.00394	0	0.00503	0
0	0	0.4156	0.00394	0	0.00503	0
0	0	0.4156	0.00394	0	0.00503	0

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0	0	0.4156	0.00394	0	0.00503	0
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CHBH4C	CHBH9C	CHBPUC	CHBS4C	CHC4IC	CHC8QC	CHCC2C
99.89088	99.8819	99.92115	99.86908	100	100	100
14.92515	56.82245	18.28242	0.13047	0	0.0195	8.6448
14.92515	56.82245	18.28242	0.13047	0	0.0195	8.6448
14.03534	0.00587	0.01528	0.13047	0	0	0.01984
4.21649	0.00587	0	0	0	0	0.01984
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.29711	0.00035	0	0	0	0	0.01984
1.87196	0	0	0	0	0	0
1.87196	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.42516	0	0	0	0	0	0.01984
0.42516	0	0	0	0	0	0.01984
0	0.00035	0	0	0	0	0
0	0.00035	0	0	0	0	0
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1.91938	0.00552	0	0	0	0	0
1.91938	0.00552	0	0	0	0	0
0	0	0.00553	0	0	0	0
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0	0	0.00553	0	0	0	0
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0	0	0	0	0	0	0
0.00062	0	0	0.13047	0	0	0
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0.00062	0	0	0.13047	0	0	0
0	0	0	0.13047	0	0	0
0	0	0	0.13047	0	0	0
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9.81823	0	0	0	0	0	0
0	0	0	0	0	0	0
9.81823	0	0	0	0	0	0
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9.81823	0	0	0	0	0	0
9.81823	0	0	0	0	0	0
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0	0	0.00975	0	0	0	0
0	0	0.00975	0	0	0	0
0	0	0.00975	0	0	0	0
0.88981	55.50654	18.16325	0	0	0.0195	7.25303

0.88981	55.50654	18.16325	0	0	0.0195	7.25303
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.88981	55.50248	18.16325	0	0	0.0195	7.25303
0	0.37909	0	0	0	0	0
0	0.37909	0	0	0	0	0
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0	14.4369	0.13446	0	0	0	0
0	14.4369	0.13446	0	0	0	0
0	39.48678	0	0	0	0	6.67129
0	39.48678	0	0	0	0	6.67129
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01332	0	0	0	0	0.58174
0	0.01332	0	0	0	0	0.58174
0.88981	1.18639	18.02879	0	0	0.0195	0
0.88981	1.18639	18.02879	0	0	0.0195	0
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0	0.00406	0	0	0	0	0
0	0.00406	0	0	0	0	0
0	0.00406	0	0	0	0	0
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0	1.31004	0.10389	0	0	0	1.37193
0	1.31004	0.10389	0	0	0	1.37193
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0	0	0	0	0	0	0
0	1.08899	0	0	0	0	1.20409
0	1.08899	0	0	0	0	0
0	1.08899	0	0	0	0	0
0	0	0	0	0	0	1.06912
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0	0	0	0	0	0	0.13496
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0	0.22106	0.06755	0	0	0	0.16784
0	0.00148	0.0013	0	0	0	0.00938
0	0.00148	0.0013	0	0	0	0.00938
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.21958	0.06625	0	0	0	0.15846
0	0	0.03634	0	0	0	0
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2.45058	31.39441	15.9372	26.75011	8.06909	3.59244	44.29163
2.45058	31.39441	15.9372	26.75011	8.06909	3.59244	44.29163
2.45058	31.39441	15.9372	26.75011	8.06909	3.59244	44.29163
2.33823	23.03257	8.69089	26.75011	8.06909	3.59244	35.03165
2.33823	23.03257	8.69089	26.75011	8.06909	3.59244	35.03165

0	0	1.11874	0	0	0	8.00646
0	0	1.11874	0	0	0	8.00646
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0	23.03257	0	0	0	1.98123	2.01767
0	23.03257	0	0	0	1.98123	2.01767
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0	0	3.27302	0	0	0	0
0	0	0.46322	0	0	0	0
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0.00794	0	0	0	0	0	0
0.00794	0	0	0	0	0	0
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0	0	1.93383	0	0	0	0
0	0	1.93383	0	0	0	0
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0	0	0.05004	0	0	0	5.39314
0	0	0.05004	0	0	0	5.39314
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0	0	0	0	0	0	0
0	0	0.12047	26.75011	0	0	4.16739
0	0	0.12047	26.75011	0	0	4.16739
0	0	0.06638	0	0	0	0
0	0	0.06638	0	0	0	0
0.00874	0	1.57547	0	8.06909	0.1534	0.44469

0.00874	0	0	0	8.06909	0.1534	0.44469
0	0	1.57547	0	0	0	0
2.32154	0	0.06301	0	0	1.45781	15.00231
2.32154	0	0.06301	0	0	1.45781	15.00231
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0.11149	0	2.50215	0	0	0	9.25998
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0	0	0.14197	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.72048	0	0	0	0.53926
0	0	0.72048	0	0	0	0.53926
0	0	0.72048	0	0	0	0.53926
0	0	0	0	0	0	0
0.11149	0	1.6397	0	0	0	8.72072
0.05485	0	0.17211	0	0	0	0
0.05485	0	0.17211	0	0	0	0
0	0	0.74683	0	0	0	0
0	0	0.74683	0	0	0	0
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0	0	0	0	0	0	0
0.05664	0	0.00779	0	0	0	0
0.05664	0	0.00779	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.71296	0	0	0	8.72072
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0.00086	0	0	0	0	0	0
0.00086	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	8.36184	4.74416	0	0	0	0
0	8.36184	4.74416	0	0	0	0
0	0.13738	0.1091	0	0	0	0
0	0.13738	0.1091	0	0	0	0
0	0	0.28746	0	0	0	0
0	0	0.28746	0	0	0	0
0	2.30783	4.05948	0	0	0	0
0	2.30783	4.05948	0	0	0	0
0	5.66512	0.27241	0	0	0	0
0	5.66512	0.27241	0	0	0	0
0	0	0.0157	0	0	0	0
0	0	0.0157	0	0	0	0

0	0.25151	0	0	0	0	0
0	0.25151	0	0	0	0	0
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25.42768	5.05154	21.22254	72.66766	4.4746	31.17282	14.85235
17.38549	1.31098	10.46538	46.36316	2.11765	0.85329	0.01685
3.04272	0	0.0074	0.45773	2.01988	0.13781	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0.01278	0	0	0.00068	0.00148	0	0
0.01278	0	0	0.00068	0.00148	0	0
0.00885	0	0	0	0.00148	0	0
0.00885	0	0	0	0.00148	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00393	0	0	0.00068	0	0	0
3.02994	0	0.0074	0.45705	2.0184	0.13781	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
3.02994	0	0.0074	0.45705	2.0184	0.13781	0
0	0	0.00051	0	0	0	0
0	0	0.00051	0	0	0	0
2.89022	0	0	0.45461	1.44418	0.12997	0
2.89022	0	0	0.45461	1.44418	0.12997	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.13971	0	0.00689	0.00244	0.57423	0.00784	0
0.13971	0	0.00689	0.00244	0.57423	0.00784	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
14.34277	1.31098	10.45798	45.90543	0.09777	0.71548	0.01685
0.0419	0	0	0	0	0	0
0.0419	0	0	0	0	0	0
0.0419	0	0	0	0	0	0
0.0419	0	0	0	0	0	0
0	0	0	0	0	0	0
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1.594	0.03307	8.38934	0	0	0	0
1.594	0.03307	8.38934	0	0	0	0
0	0	0.03084	0	0	0	0
0	0	0.03084	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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1.594	0.03307	8.3585	0	0	0	0
1.594	0.03307	8.3585	0	0	0	0
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0.05664	1.27548	1.12308	0	0	0	0
0.05664	1.27548	1.12308	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.24609	0	0	0	0
0	0	0.24609	0	0	0	0
0	0.13334	0.36685	0	0	0	0
0	0.13334	0.36685	0	0	0	0
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0.05664	1.13357	0	0	0	0	0
0.05664	1.13357	0	0	0	0	0
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0	0	0.50163	0	0	0	0
0	0	0.50163	0	0	0	0
0	0.00857	0	0	0	0	0
0	0.00857	0	0	0	0	0

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0	0	0	0	0	0	0
12.65023	0.00243	0.94556	45.90543	0.09777	0.71548	0.01685
0	0	0.824	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.824	0	0	0	0
0	0	0.824	0	0	0	0
12.65023	0.00243	0.12156	45.90543	0.09777	0.71548	0.01685
0	0	0	0	0	0	0
0	0	0	0	0	0	0
11.43548	0.00219	0	0	0	0	0
11.43548	0.00219	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00201	0	0	0	0
0	0	0.00201	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00252	0	0	0.00356	0	0.00564	0
0.00252	0	0	0.00356	0	0.00564	0
0	0	0	0	0	0	0
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0	0	0.00369	0	0	0	0
0	0	0.00369	0	0	0	0
0.01088	0	0	0.01993	0.00172	0.03125	0.00398
0.01088	0	0	0.01993	0.00172	0.03125	0.00398
0.01894	0	0	0.08118	0	0	0.01288
0.01894	0	0	0.08118	0	0	0.01288
0	0	0.02012	0	0	0	0

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1.1668	0.00024	0.00275	45.54416	0.09605	0.67859	0
1.1668	0.00024	0.00275	45.54416	0.09605	0.67859	0
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0	0	0	0.01243	0	0	0
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0	0	0	0	0	0	0
0.01562	0	0.09299	0.24417	0	0	0
0.01562	0	0.09299	0.24417	0	0	0
8.02905	2.87194	6.11129	0.00135	2.35695	30.31953	14.10531
8.02905	2.87194	6.11129	0.00135	2.35695	30.31953	14.10531
4.05433	0.56051	1.08309	0.00135	1.42846	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
4.05433	0.56051	1.08309	0.00135	1.42846	0	0
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0	0.46407	1.06514	0	0	0	0
0	0.46407	1.06514	0	0	0	0
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0	0	0	0	1.42846	0	0
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0	0.06315	0	0	0	0	0
4.05433	0	0.01795	0.00135	0	0	0
4.05433	0	0.01795	0.00135	0	0	0
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0.07136	0	0	0	0	0	0
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0.77702	0	0	0	0	0	0
2.64265	0	0	0	0	0	0
2.64265	0	0	0	0	0	0
2.64265	0	0	0	0	0	0

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0.10807	0	0	0	0	0	0
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0	0.59566	0.36006	0	0	0	0
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0	0.59566	0.36006	0	0	0	0
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0	0.59566	0.36006	0	0	0	0
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0	1.42008	0.97647	0	0	30.31953	14.10531
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0	0.75927	0.92728	0	0	30.31953	14.10531
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0	0.71414	0.90355	0	0	28.45774	13.74818
0	0.71414	0.90355	0	0	28.45774	13.74818
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0	0.04513	0.02373	0	0	1.86179	0.35712
0	0.04513	0.02373	0	0	1.86179	0.35712
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0	0	1.32611	0	0	0	0
0	0	1.32611	0	0	0	0
0	0.09599	0	0	0.92849	0	0
0	0.09599	0	0	0.92849	0	0
0	0.09599	0	0	0	0	0
0	0.09599	0	0	0	0	0
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0	0.13766	2.36556	0	0	0	0
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0	0.13071	0	0	0	0	0
0	0.13071	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.00696	2.09999	0	0	0	0
0	0	0.98241	0	0	0	0
0	0	0.98241	0	0	0	0
0	0.00696	1.11758	0	0	0	0
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0	0.5933	2.8737	0	0	0	0.7302
0	0.5933	2.8737	0	0	0	0.7302
0	0.5933	2.8737	0	0	0	0.7302
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0	0.27154	0.41545	0	0	0	0.595
0	0	0.41545	0	0	0	0
0	0	0.41545	0	0	0	0
0	0.27154	0	0	0	0	0.595
0	0.32175	2.45825	0	0	0	0.1352
0	0	2.06664	0	0	0	0

0	0	2.06664	0	0	0	0
0	0.01417	0	0	0	0	0.1352
0	0.01417	0	0	0	0	0.1352
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0	0.24278	0.2094	0	0	0	0
0	0.24278	0.2094	0	0	0	0
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0	0.06481	0.18221	0	0	0	0
0	0.06481	0.18221	0	0	0	0
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0.01314	0.27532	1.77217	26.30315	0	0	0
0.01314	0.27532	1.77217	26.30315	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.01314	0.27532	1.77217	26.30315	0	0	0
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0	0	1.77217	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.01314	0.27532	0	26.30315	0	0	0
0	0.00177	0	0.00066	0	0	0
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0.00171	0	0	0.00341	0	0	0
0.00427	0.27355	0	12.48738	0	0	0
0	0	0	0	0	0	0
0.00427	0.27355	0	12.48738	0	0	0
0.00107	0	0	0	0	0	0
0.00107	0	0	0	0	0	0
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0.00609	0	0	13.14902	0	0	0
0.00494	0	0	0	0	0	0
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0.00494	0	0	0	0	0	0
0.00494	0	0	0	0	0	0
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57.08253	6.6135	33.88895	0.32084	87.45631	65.21524	32.21121
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0.01149	0.00808	1.41232	0	0	0	0
0.00771	0.00808	1.41232	0	0	0	0
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0.00771	0.0015	1.41232	0	0	0	0
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0.00292	0	1.41232	0	0	0	0
0.00292	0	1.41232	0	0	0	0
0	0	1.41232	0	0	0	0
0.00292	0	0	0	0	0	0
0.00479	0	0	0	0	0	0
0.00378	0	0	0	0	0	0
0.00378	0	0	0	0	0	0
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0.00378	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.00378	0	0	0	0	0	0
3.13513	0	1.42731	0	0	0	0
3.13513	0	1.42731	0	0	0	0
3.13513	0	1.42731	0	0	0	0
3.13513	0	1.42731	0	0	0	0
3.08078	0	1.37667	0	0	0	0
0.05435	0	0.05064	0	0	0	0
0.05435	0	0.05064	0	0	0	0
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0	0	0	0	0	0	0
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53.93591	6.60543	31.04932	0.32084	87.45631	65.21524	32.21121
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
53.63971	6.60543	31.02742	0.32084	87.45631	65.21524	32.21121
53.63971	6.60543	31.02742	0.32084	87.45631	65.21524	32.21121
0	0	0.01732	0	0	0	0
0	0	0.00313	0	0	0	0
0	0	0.00313	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.01419	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.29497	0	0.96499	0.30706	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.29497	0	0.96499	0.30706	0	0	0
0	0	0.96499	0.30706	0	0	0
0.29497	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.67844	6.54431	9.19557	0.01378	87.45631	64.37587	32.085
0.43544	5.3409	7.03996	0	65.14034	46.61032	25.52217
0.43544	5.3409	7.03996	0	65.14034	46.61032	25.52217
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.243	1.20342	2.15561	0.01378	22.31598	17.76556	6.56283
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
52.6663	0.05592	20.84954	0	0	0	0.12558
0	0.00222	14.30215	0	0	0	0.01326
0	0.00222	14.30215	0	0	0	0.01326
22.7557	0.05126	0	0	0	0	0.11233
22.7557	0.05126	0	0	0	0	0.11233
0	0	0	0	0	0	0
0	0	0	0	0	0	0
29.9106	0.00244	6.54739	0	0	0	0
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0	0.00519	0	0	0	0	0
0	0.00519	0	0	0	0	0

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0	0	0	0	0	0.83936	0
0	0	0	0	0	0.83936	0
0	0	0	0	0	0.83936	0
0.29244	0	0	0	0	0	0
0.29244	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0.29244	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.0033	0	0.01723	0	0	0	0
0.0033	0	0.01723	0	0	0	0
0.0033	0	0.01723	0	0	0	0
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0.10912	0	0.07413	0.13092	0	0	0
0.10912	0	0.07413	0.13092	0	0	0
0.10912	0	0.07413	0.13092	0	0	0

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0.10912	0	0	0	0	0	0
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CHCIPC	CHCSKC	CHCT3C	CHD0SC	CHD7ZC	CHDQ1C	CHDRUC
99.75343	100	100	99.97368	100	99.99237	100
0	56.15234	0	0	35.95288	77.23664	91.46244
0	56.15234	0	0	35.95288	77.23664	91.46244
0	0.03078	0	0	0.08954	0.02528	0.0133
0	0	0	0	0.07797	0.00961	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.07797	0.00117	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.07797	0.00117	0
0	0	0	0	0.07797	0.00117	0
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0	0	0	0	0	0.00844	0
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0	0.00378	0	0	0	0.00233	0.0104
0	0.00378	0	0	0	0.00233	0.0104
0	0	0	0	0	0	0.0104
0	0	0	0	0	0	0.0104
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00378	0	0	0	0.00233	0

0	0.00378	0	0	0	0.00233	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.027	0	0	0.01157	0.00229	0.00289
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.027	0	0	0.01157	0.00229	0.00289
0	0.009	0	0	0.0085	0.00136	0.00127
0	0.009	0	0	0.0085	0.00136	0.00127
0	0.018	0	0	0.00307	0.00093	0.00163
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0	0	0	0	0	0	0
0	0	0	0	0	0.01105	0
0	0	0	0	0	0.00745	0
0	0	0	0	0	0.0036	0
0	0	0	0	0	0.0036	0
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0	0	0	0	0	0	0
0	56.12156	0	0	34.69391	76.663	91.44915

0	56.12156	0	0	34.69391	76.663	91.44915
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0	56.12156	0	0	34.69391	76.63831	91.44915
0	0	0	0	0	2.42116	0.15834
0	0	0	0	0	2.42116	0.15834
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0	0	0	0	0	0	0
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0	0	0	0	20.44788	35.58357	33.01648
0	0	0	0	20.44788	35.58357	33.01648
0	4.00878	0	0	1.14887	32.60079	21.87052
0	4.00878	0	0	1.14887	32.60079	21.87052
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0	0	0	0	0	0.00725	0
0	0	0	0	0	0.00725	0
0	52.11278	0	0	13.09716	6.02555	36.4038
0	52.11278	0	0	13.09716	6.02555	36.4038
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0	0	0	0	0.57337	0.36719	0
0	0	0	0	0.57337	0.36719	0
0	0	0	0	0.57337	0.36719	0
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0	0	0	0	0.01199	0.00125	0
0	0	0	0	0.578	0.09187	0
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0	0	0	0	0.00607	0.00172	0
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0	0	10.44435	0	0.0104	3.38613	0.02669
0	0	10.44435	0	0.0104	3.38613	0.02669
0	0	10.44435	0	0.0104	3.38613	0.02669
0	0	6.34754	0	0	2.20894	0.02648
0	0	6.34754	0	0	2.20894	0.02648

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0	0	0	0	0	2.20894	0
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0	0	0.05275	0	0	0	0.00721
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0	0	6.29479	0	0	0	0.00093
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0	0	0	0	0	0	0
0	0	4.09681	0	0	0	0.0002
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0	0	0	0	0.0104	0.00015	0
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46.60293	0.87824	3.44727	30.88155	44.1276	4.48179	1.97751
41.84564	0.81106	2.29507	1.02429	0.84339	3.82679	0.14496
0.02394	0.38114	0.79645	0	0.00848	0	0.00225
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0	0.00064	0.00017	0	0.00848	0	0.00181
0	0.00064	0.00017	0	0.00848	0	0.00181
0	0	0.00017	0	0.00103	0	0.00173
0	0	0.00017	0	0.00103	0	0.00173
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0	0	0	0	0	0	0
0	0.00064	0	0	0.00745	0	7.00E-05
0.02394	0.3805	0.79628	0	0	0	0.00044
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0.02394	0.3805	0.79628	0	0	0	0.00044
0.01864	0	0	0	0	0	0
0.01864	0	0	0	0	0	0
0.0053	0.28048	0.79181	0	0	0	0
0.0053	0.28048	0.79181	0	0	0	0
0	0.10002	0	0	0	0	0
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41.8217	0.42991	1.49862	1.02429	0.83491	3.82679	0.14271
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0	0	0	0	0.00256	0	0
0	0	0	0	0.00692	0	0
41.71858	0.04239	0.05145	1.02429	0.78897	0.00812	0.03074
41.71858	0.04239	0.05145	1.02429	0.78897	0.00812	0.03074
0	0	0	0	0.70565	0	0
0	0	0	0	0.70565	0	0
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41.71858	0.04239	0.05145	1.02429	0.01756	0.00581	0.03074
41.71858	0.04239	0.05145	1.02429	0.01756	0.00581	0.03074
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0.0047	0	0	0	0	3.77042	0.00731
0.0047	0	0	0	0	3.77042	0.00731
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0.0047	0	0	0	0	3.32449	0.00731
0.0047	0	0	0	0	3.32449	0.00731
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0.09842	0.38752	1.44717	0	0.03645	0.04824	0.10467
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0.09842	0.38752	1.44717	0	0.03645	0.04824	0.10023
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0	0	0	0	0	0	0
0	0.01354	0.02199	0	0.02041	0.00737	0.01435
0	0.01354	0.02199	0	0.02041	0.00737	0.01435
0	0.2821	0.13758	0	0.01604	0.02267	0.05293
0	0.2821	0.13758	0	0.01604	0.02267	0.05293
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0.09842	0.08386	1.26804	0	0	0.0182	0.02752
0.09842	0.08386	1.26804	0	0	0.0182	0.02752
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0	0.00802	0.01956	0	0	0	0.00198
0	0.00802	0.01956	0	0	0	0.00198
0.67254	0.00039	1.10061	29.85726	34.2106	0.47986	0.40343
0.67254	0.00039	1.10061	29.85726	34.2106	0.47986	0.40343
0	0.00039	1.10061	29.38122	3.27927	0.01148	0.32066
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0	0.00039	1.10061	29.38122	3.27927	0.01148	0.32066
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0	0	0	0	0.90395	0.00364	0.00166
0	0	0	0	0	0.00364	0.00166
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0	0	0	0	0.90395	0	0
0	0	0	1.22943	0	0	0.31112
0	0	0	1.22943	0	0	0.31112
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0	0	0	28.15179	2.03216	0	0.00442
0	0	0	28.15179	2.03216	0	0.00442

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0	0	0	0	0.34075	0	0.00346
0	0	0	0	0.34075	0	0.00346
0	0.00039	1.10061	0	0.00241	0	0
0	0.00039	1.10061	0	0.00241	0	0
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0	0	0	0.46239	0.1184	0.00047	0
0	0	0	0.46239	0.1184	0.00047	0
0	0	0	0.46239	0.1184	0.00047	0
0	0	0	0	1.49286	0.00409	0.00678
0	0	0	0	1.49286	0.00409	0.00678
0	0	0	0	1.49286	0.00409	0.00678
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0	0	0	0	3.46772	0	0.00269
0	0	0	0	3.46772	0	0.00269
0	0	0	0	3.46772	0	0.00269
0.67254	0	0	0.01365	0.64481	0	0.01325
0.67254	0	0	0.01365	0.64481	0	0.01325
0	0	0	0	0.05983	0	0.01325
0	0	0	0	0.05983	0	0.01325
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0.67254	0	0	0.01365	0.58498	0	0
0.67254	0	0	0.01365	0.58498	0	0
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0	0	0	0	1.48468	0.07916	0.01251
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0	0	0	0	2.42018	0.03284	0.01387
0	0	0	0	2.42018	0.03284	0.01387
0	0	0	0	2.42018	0.03284	0.01387
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0	0	0	0	0.27135	0.00494	0.00217
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0	0	0	0	0	0	0
4.08476	0.0668	0.05158	0	6.65343	0.1423	1.41524
4.08476	0.0668	0.05158	0	6.65343	0.1423	1.41524
0	0.00012	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
4.08476	0.06667	0.05158	0	6.65343	0.1423	1.41524
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
4.08476	0.06667	0.05158	0	6.65063	0.1423	1.41524
2.51414	0	0	0	0.14038	0.00714	0.19776
2.51414	0	0	0	0.14038	0.00714	0.19776
0.34713	0	0	0	0.37295	0.00041	0.01168
0.34713	0	0	0	0.37295	0.00041	0.01168
0.38506	0	0.04301	0	0.06753	0.09834	0.16603
0	0	0	0	0	0	0
0.38506	0	0.04301	0	0.06753	0.09834	0.16603
0	0.02612	0	0	6.06978	0	0.04266
0	0.02612	0	0	6.06978	0	0.04266
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53.11125	42.96942	86.10838	69.09213	19.90872	14.88781	6.53336
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53.11125	42.96942	86.10746	69.09213	16.64025	14.88781	6.53336
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
53.11125	42.96736	86.10605	69.09213	14.48724	14.88781	6.06514
53.11125	42.96736	86.10605	69.09213	14.48724	14.88781	6.06514
0	0	0	0	0.04478	0	0.05885
0	0	0	0	0.03973	0	0.04792
0	0	0	0	0.03973	0	0.04792
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0	0	0	0	0.00505	0	0.01093
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50.5391	0.06579	0	0	0.09917	0	0.00542
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50.5391	0.06579	0	0	0.09917	0	0.00542
50.5391	0.06579	0	0	0.09917	0	0.00542
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2.57215	42.86514	86.10605	68.30033	14.09018	14.8062	5.9576
0	30.75875	64.06038	48.14898	9.49488	11.00207	3.94174
0	30.75875	64.06038	48.14898	9.49488	11.00207	3.94174
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2.57215	12.10638	22.04567	20.15135	4.59529	3.80412	2.01586
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0	0.03643	0	0.79179	0.02189	0.08161	0.04327
0	0	0	0	0.01044	0.00017	0.00232
0	0	0	0	0.01044	0.00017	0.00232
0	0.01615	0	0.46915	0	0.08144	0.0081
0	0.01615	0	0.46915	0	0.08144	0.0081
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0	0.02028	0	0.32264	0.01145	0	0.03285
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0	0.00206	0.00142	0	2.15301	0	0.46821
0	0.00206	0.00142	0	2.15301	0	0.46821
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0	0.00047	0	0	0	0	0.01926
0	0.00047	0	0	0	0	0.01926
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0	0.00159	0.00142	0	2.15301	0	0.43543
0	0.00159	0.00142	0	2.15301	0	0.43543
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0.24657	0	0	0.02632	0	0.00763	0
0.24657	0	0	0.02632	0	0.00763	0
0.24657	0	0	0.02632	0	0.00763	0

0.24657	0	0	0.02632	0	0.00763	0
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0	0	0	0	0	0	0
0	0	0	0	0	0.00763	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

CHDWYC	CHE40C	CHE5CC	CHE5PC	CHE7KC	CHEBUC	CHEBZC
100	100	100	99.70007	99.71185	100	99.97851
0.04642	0.27907	0.01201	20.98279	31.32887	0.05392	78.56559
0.04642	0.27907	0.01201	20.98279	31.32887	0.05392	78.56559
0	0	0.01201	0.0009	0.06021	0.05392	0.00834
0	0	0	0	0.04406	0.00546	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.04406	0.00546	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00546	0
0	0	0	0	0	0.00546	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.04406	0	0
0	0	0	0	0.04406	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0009	0.01615	0.04846	0.00834
0	0	0	0	0.01417	0	0
0	0	0	0	0.00695	0	0
0	0	0	0	0.00695	0	0
0	0	0	0	0.00721	0	0
0	0	0	0.0009	0.00198	0.04846	0.00834
0	0	0	0.0009	0.00158	0.04846	0.00834
0	0	0	0.0009	0.00158	0.04846	0.00834
0	0	0	0	0.0004	0	0
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0	0	0.01201	0	0	0	0
0	0	0.00762	0	0	0	0
0	0	0.0044	0	0	0	0
0	0	0.0044	0	0	0	0
0	0	0.0044	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04642	0	0	20.19339	17.20711	0	78.55725

0.04642	0	0	20.19339	17.20711	0	78.55725
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	20.19339	17.20711	0	78.55725
0	0	0	3.7305	0	0	0
0	0	0	3.7305	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	13.32099	0	0
0	0	0	0	0.52036	0	65.16563
0	0	0	0	0.52036	0	65.16563
0	0	0	0	0.47988	0	0
0	0	0	0	0.47988	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	16.46289	0.31435	0	13.39162
0	0	0	16.46289	0.31435	0	13.39162
0	0	0	0	0	0	0
0	0	0	0	2.45539	0	0
0	0	0	0	2.45539	0	0
0	0	0	0	0.11615	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.27907	0	0.7885	14.06156	0	0
0	0.27907	0	0.7885	14.06156	0	0
0	0	0	0	0.00495	0	0
0	0	0	0	0.00495	0	0
0	0	0	0	0.00495	0	0

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0	0	0	0	0.0026	0	0
0	0	0	0	0.0026	0	0
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0	0	0	0	8.04454	0	0
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0	0	0	0	0.92663	0	0
0	0	0	0	0.71647	0	0
0	0	0	0	0.71647	0	0
0	0	0	0	3.8442	0	0
0	0	0	0	3.8442	0	0
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0	0	0	0	0	0	0
0	0.27907	0	0.35713	0.46161	0	0
0	0.10774	0	0.00049	0.00298	0	0
0	0.10774	0	0.00049	0.00298	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.17133	0	0.35664	0.45862	0	0
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0	0	0	0	0.06056	0	0
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62.58833	0	0	50.55802	35.88563	42.95869	0.01271
62.58833	0	0	50.55802	35.88563	42.95869	0.01271
62.58833	0	0	50.55802	35.88563	42.95869	0.01271
62.58833	0	0	29.08435	21.71173	41.62251	0
62.58833	0	0	29.08435	21.71173	41.62251	0

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0	0	0	0.01465	0.0007	0	0
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0	0	0	0.00293	0	0	0
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0	0	0	23.54153	0	0	0
0	0	0	23.54153	0	0	0
62.58833	0	0	0	0	40.51003	0
62.58833	0	0	0	0	40.51003	0
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0	0	0	0.01844	0	0	0
0	0	0	0.01844	0	0	0
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0	0	0	1.34109	0	0	0
0	0	0	1.34109	0	0	0
0	0	0	0.90688	0.02354	0	0
0	0	0	0.90688	0.02354	0	0
0	0	0	1.20853	5.55306	0	0

0	0	0	1.20853	5.55306	0	0
0	0	0	0	0	0	0
0	0	0	0.64443	16.12858	1.10116	0
0	0	0	0.64443	16.12858	1.10116	0
0	0	0	0.04915	0	0	0
0	0	0	0.04915	0	0	0
0	0	0	0.01299	0	0	0
0	0	0	0.01299	0	0	0
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0	0	0	0.01299	0	0	0
0	0	0	20.68949	14.1739	1.33618	0
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0	0	0	0	0	0	0
0	0	0	20.68949	14.16225	1.33618	0
0	0	0	0.02992	0	0.61303	0
0	0	0	0.02992	0	0.61303	0
0	0	0	0.18614	0	0	0
0	0	0	0.18614	0	0	0
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0	0	0	19.55082	14.16225	0.72316	0
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0	0	0	0.58379	0	0	0
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0	0	0	0.00014	0	0	0

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13.5023	58.09153	59.01685	1.51296	26.09341	0.34311	15.20533
0.11751	0.19371	58.92831	0.44734	3.50751	0.32073	0.10581
0.07524	0	0.63523	0.04238	0.00413	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.0385	0	0	0	0
0	0	0.0385	0	0	0	0
0	0	0.034	0	0	0	0
0	0	0.034	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.0045	0	0	0	0
0.07524	0	0.59673	0.04238	0.00413	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.07524	0	0.59673	0.04238	0.00413	0	0
0	0	0.02843	0	0	0	0
0	0	0.02843	0	0	0	0
0.07524	0	0.56339	0.03015	0.00413	0	0
0.07524	0	0.56339	0.03015	0.00413	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.01223	0	0	0
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0	0	0.00491	0	0	0	0

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0	0	0	0	0	0	0
0.04227	0.19371	58.29308	0.40496	3.50337	0.32073	0.10581
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.17261	0	0	2.02333	0.32073	0
0	0.17261	0	0	2.02333	0.32073	0
0	0	0	0	0.51437	0	0
0	0	0	0	0.51437	0	0
0	0.17261	0	0	1.12185	0	0
0	0.17261	0	0	1.12185	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0.28163	0	0
0	0	0	0	0.28163	0	0
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0	0	0	0.32322	0.90768	0	0.09661
0	0	0	0.32322	0.90768	0	0.09661
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0	0	0	0	0	0	0
0	0	0	0	0.37485	0	0
0	0	0	0	0.37485	0	0
0	0	0	0.1079	0.20928	0	0
0	0	0	0.1079	0.20928	0	0
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0	0	0	0.21532	0.20676	0	0.09661
0	0	0	0.21532	0.20676	0	0.09661
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0	0	0	0	0.03299	0	0
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0	0	0	0	0.03299	0	0
0	0	0	0	0.03299	0	0
0.04227	0.02109	58.29308	0.08174	0.53937	0	0.0092
0	0	0	0	0.46248	0	0
0	0	0	0	0	0	0
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0	0	0	0	0.46248	0	0
0	0	0	0	0.46248	0	0
0.04227	0.02109	58.29308	0.08174	0.07688	0	0.0092
0	0	0	0	0.00263	0	0
0	0	0	0	0.00263	0	0
0	0	0	0	0	0	0.00129
0	0	0	0	0	0	0.00129
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0	0	0	0	0	0	0
0	0.02109	0.03016	0.00296	0	0	0.0011
0	0.02109	0.03016	0.00296	0	0	0.0011
0.04227	0	58.20283	0.00282	0.01287	0	0.00071
0.04227	0	58.20283	0.00282	0.01287	0	0.00071
0	0	0	0	0	0	0

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0	0	0.00098	0	0.02289	0	0
0	0	0.00098	0	0.02289	0	0
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0	0	0.00366	0	0	0	0
10.61222	45.15018	0	0.53302	18.15718	0.02238	7.80348
10.61222	45.15018	0	0.53302	18.15718	0.02238	7.80348
10.46308	33.07894	0	0	3.43692	0	0
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10.46308	33.07894	0	0	3.43692	0	0
0	0	0	0	0.41852	0	0
0	0	0	0	0.41852	0	0
0	4.06812	0	0	0.01357	0	0
0	4.06812	0	0	0.01357	0	0
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0	0	0	0	0.77751	0	0
0	0	0	0	0.77751	0	0
10.46308	29.01082	0	0	0.27327	0	0
10.46308	0	0	0	0.27327	0	0

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0	0.55688	0	0	1.75027	0	0
0	0.48264	0	0	0.50811	0	0
0	0.48264	0	0	0.50811	0	0
0	0.48264	0	0	0.50811	0	0
0	0.07423	0	0	1.24216	0	0
0	0.07423	0	0	1.24216	0	0
0	0.07423	0	0	1.24216	0	0
0	0	0	0.31234	0.49863	0	0
0	0	0	0	0.04255	0	0
0	0	0	0	0.04255	0	0
0	0	0	0	0.04255	0	0
0	0	0	0.31234	0.45608	0	0
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0	0	0	0.31234	0.19416	0	0
0	0	0	0.31234	0.19416	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.05903	0	0
0	0	0	0	0.05903	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.20289	0	0
0	0	0	0	0.20289	0	0
0.14913	10.82385	0	0	3.70083	0	7.80006
0	0.43132	0	0	0	0	0
0	0.10391	0	0	0	0	0
0	0.10391	0	0	0	0	0
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0	0.32741	0	0	0	0	0
0.00617	10.20222	0	0	3.06812	0	7.80006
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0	9.96474	0	0	1.24466	0	7.60227
0	9.96474	0	0	1.24466	0	7.60227
0	0	0	0	0.15551	0	0
0	0	0	0	0.15551	0	0
0.00617	0.23748	0	0	1.66796	0	0.19779
0.00617	0.23748	0	0	1.66796	0	0.19779
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0.14296	0.19031	0	0	0.63271	0	0
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0.04305	0	0	0	0	0	0
0.04305	0	0	0	0	0	0
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0	0	0	0	0.15246	0	0
0	0	0	0	0.15246	0	0
0.09991	0	0	0	0	0	0
0.09991	0	0	0	0	0	0
0	0	0	0	0.0007	0	0
0	0	0	0	0.0007	0	0
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0	0.19031	0	0	0.0005	0	0
0	0.19031	0	0	0.0005	0	0
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0	0	0	0	0	0	0
0	0.09104	0	0	0.48453	0.02238	0.00279
0	0.09104	0	0	0.48453	0.02238	0
0	0	0	0	0.48126	0	0
0	0	0	0	0.48126	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.00327	0	0
0	0	0	0	0.00327	0	0
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0	0	0	0	0	0	0.00279

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0	0.59947	0	0.22068	8.28598	0	0
0	0.36564	0	0	0.31965	0	0
0	0.36564	0	0	0.31965	0	0
0	0.36564	0	0	0.31965	0	0
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0	0	0	0	2.07348	0	0
0	0	0	0	2.07348	0	0
0	0.23383	0	0.22068	5.89286	0	0
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0	0	0	0	0	0	0
0	0.23383	0	0.22068	5.89286	0	0
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0	0	0	0	0	0	0
2.77258	9.4936	0	0.00353	0.44218	0	0.06375
2.77258	9.4936	0	0.00353	0.44218	0	0.06375
2.77258	9.4936	0	0.00353	0.44218	0	0.06375
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	7.15944	0	0	0.22752	0	0.06375
2.77258	2.33416	0	0.00353	0.21465	0	0
0.0997	0.00804	0	0	0.00208	0	0

0.0997	0.00804	0	0	0.00208	0	0
0	2.32612	0	0	0.06376	0	0
0	2.32612	0	0	0.06376	0	0
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2.67288	0	0	0.00353	0.01499	0	0
2.67288	0	0	0.00353	0.01499	0	0
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0	0	0	0	0	0	0
0	3.25405	0.08854	0.52906	3.98655	0	7.23229
0	3.25405	0.08854	0.52906	3.98655	0	7.23229
0	0.00723	0	0.38436	0	0	0
0	0	0	0	0	0	0
0	0.00723	0	0.38436	0	0	0
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0	0.00723	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.38436	0	0	0
0	3.24681	0.08854	0.1447	3.98655	0	7.23229
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0	3.24681	0.08854	0.1447	3.98655	0	1.02828
0	0	0	0.08999	0.31462	0	0.00326
0	0	0	0.08999	0.31462	0	0.00326
0	0.00158	0	0.01114	0.02437	0	0.02238
0	0.00158	0	0.01114	0.02437	0	0.02238
0	0.00221	0.00726	0.00821	1.01248	0	1.00265
0	0	0	0	0	0	0
0	0.00221	0.00726	0.00821	1.01248	0	1.00265
0	3.24302	0	0	0.00018	0	0
0	3.24302	0	0	0.00018	0	0
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23.86295	41.6294	40.97114	26.6463	6.40394	56.64428	6.19488
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0	0	3.32429	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
23.86295	41.6294	37.64685	24.83973	6.40394	56.64428	6.19488
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
23.86295	41.55844	0	24.81211	6.39633	56.64428	6.15937
23.86295	41.55844	0	24.81211	6.39633	56.64428	6.15937
0	0	0	0	0.68465	0	0.32887
0	0	0	0	0.53618	0	0.24767
0	0	0	0	0.53618	0	0.24767
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0	0	0	0	0.14847	0	0.0812
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0	0	0	0	0.52398	0	0
0	0	0	0	0.17045	0	0
0	0	0	0	0.17045	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.35353	0	0
0	0	0	0	0.35353	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
23.86295	29.95767	0	19.13854	0.22846	56.64428	0.00585
17.75747	22.66857	0	13.41056	0.04716	39.03706	0
17.75747	22.66857	0	13.41056	0.04716	39.03706	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
6.10548	7.2891	0	5.72798	0.1813	17.60722	0.00585
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	11.22937	0	5.67357	4.95925	0	5.55903
0	1.41289	0	3.45319	2.70202	0	0
0	1.41289	0	3.45319	2.70202	0	0
0	9.81648	0	0	0.77417	0	3.65317
0	9.81648	0	0	0.77417	0	3.65317
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	2.22038	1.48305	0	1.90586
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0	0.07096	37.64685	0.02762	0	0	0
0	0.07096	37.64685	0.02762	0	0	0
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0	0	0	0	0	0	0
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0	0.07096	37.64685	0.02762	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.07096	37.64685	0.02762	0	0	0
0	0.07096	37.64685	0.02762	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0.0028	0	0.0252
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0	0	0	0	0	0	0.0252
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0	0	0	0	0.0048	0	0.00311
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0	0	0	0	0	0	0
0	0	0	0.29993	0.28815	0	0.02149
0	0	0	0.29993	0.28815	0	0.02149
0	0	0	0.29993	0.28815	0	0.02149

0	0	0	0.29993	0.28815	0	0.02149
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0	0	0	0	0	0	0
0	0	0	0.29993	0.28815	0	0.02149
0	0	0	0	0.01202	0	0
0	0	0	0	0.01202	0	0

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0	0	0	0	0	0	0
0	0	0	0.29993	0.27613	0	0.02149
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0	0	0	0	0.05463	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.02149
0	0	0	0	0	0	0.02149
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0	0	0	0	0.2215	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

CHEJVC	CHEK5C	CHETMC	CHEVHC	CHEVXC	CHF3OC	CHFMPC
100	100	100	100	100	100	100
53.71423	0.00596	0	77.67623	4.87193	0.69035	65.76382
53.71423	0.00596	0	77.67623	4.87193	0.69035	65.76382
0	0.0044	0	0.00454	0.0046	0.69035	0.02536
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.01048	0
0	0	0	0	0	0.01048	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00486	0

0	0	0	0	0	0.00486	0
0	0	0	0	0	0.00563	0
0	0	0	0	0	0.00563	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00102	0	0.00454	0.0046	0	0.0182
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00102	0	0.00454	0.0046	0	0.0182
0	0.00102	0	0.00098	0.00263	0	0.01539
0	0.00102	0	0.00098	0.00263	0	0.01539
0	0	0	0.00356	0.00197	0	0.00281
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00337	0	0	0	0.67987	0.00716
0	0.00337	0	0	0	0.64586	0.00716
0	0	0	0	0	0.03401	0
0	0	0	0	0	0.01021	0
0	0	0	0	0	0.01021	0
0	0	0	0	0	0.0238	0
0	0	0	0	0	0.0238	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
53.61634	0.00156	0	77.66067	4.67361	0	65.73674

53.61634	0.00156	0	77.66067	4.67361	0	65.73674
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
53.61634	0	0	77.66067	4.67361	0	65.73674
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	41.92188
0	0	0	0	0	0	41.92188
0	0	0	0.04192	0	0	0
0	0	0	0.04192	0	0	0
0	0	0	0	0	0	0
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53.61634	0	0	0	4.67361	0	0
53.61634	0	0	0	4.67361	0	0
0	0	0	77.61875	0	0	23.81486
0	0	0	77.61875	0	0	23.81486
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0	0	0	0	0	0	0
0	0.00156	0	0	0	0	0
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0	0	0	0	0	0	0
0.0979	0	0	0.01103	0.19373	0	0.00171
0.0979	0	0	0.01103	0.19373	0	0.00171
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0.01103	0.19373	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.01103	0.19373	0	0
0	0	0	0.01103	0.19373	0	0
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0.01705	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.08085	0	0	0	0	0	0.00171
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39.06026	3.16851	6.89406	8.05939	39.29103	44.6598	13.53931
0.26099	3.14825	0.48085	5.41408	15.64392	18.15809	13.13887
0.239	2.792	0.05767	0.05829	0.00539	16.34035	4.26378
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0.239	2.792	0.05767	0.05829	0.00539	16.31576	4.26378
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0.239	2.792	0.05767	0.05829	0.00539	16.31576	4.26378
0.13628	0	0	0.05485	0	0.21185	0.00982
0.13628	0	0	0.05485	0	0.21185	0.00982
0.01723	2.07233	0.05767	0.00344	0.00539	16.10391	3.77308
0.01723	2.07233	0.05767	0.00344	0.00539	16.10391	3.77308
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0.08549	0.71967	0	0	0	0	0.48088
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0	0.10664	0.03864	5.30478	10.03769	0.23138	0
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0	0.10664	0.03864	5.30478	10.02962	0.23138	0
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0.02199	0.24961	0.38455	0.04427	4.52232	1.57621	8.21187
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0.02199	0.24961	0.38455	0.04427	4.52232	1.57621	8.21187
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0	0.00759	0.00207	0.02816	0	0.03805	0.06542
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0	0	0.31259	0.01559	0.09282	0	0.21059
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0.02199	0.23186	0.06988	0	4.39712	1.47899	3.43908
0.02199	0.23186	0.06988	0	4.39712	1.47899	3.43908
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3.04903	0.02026	0	1.80888	15.74353	25.60361	0
3.04903	0.02026	0	1.80888	15.74353	25.60361	0
3.01941	0.02026	0	0	0.37824	25.28524	0
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3.01941	0.02026	0	0	0.37824	8.55937	0
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35.75024	0	6.41321	0.59175	7.90358	0.89809	0.40044
35.75024	0	6.41321	0.59175	7.90358	0.89809	0.40044
0.11951	0	0	0	0	0	0.02897
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35.63073	0	6.41321	0.59175	7.90358	0.89809	0.37147
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35.63073	0	6.41321	0.59175	7.89834	0.89809	0.15209
0	0	0.11669	0	4.47516	0.07651	0
0	0	0.11669	0	4.47516	0.07651	0
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0	0	0.00433	0.00069	0.17023	0.09855	0
0	0	1.99543	0.51412	0.0075	0.45909	0.02845
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0	0	1.99543	0.51412	0.0075	0.45909	0.02845
35.63073	0	0	0	0	0	0.12364
35.63073	0	0	0	0	0	0.12364
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7.22551	52.99134	93.10594	14.26438	55.82109	54.64985	20.69678
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7.22551	52.98933	93.10594	14.26438	55.70391	54.64451	20.69678
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7.22391	52.92302	93.10324	14.26438	55.70391	53.60563	20.66318
7.22391	52.92302	93.10324	14.26438	55.70391	53.60563	20.66318
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0.13859	0.00513	0.00082	0	0.52027	1.20701	0.12313
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0.13859	0.00513	0.00082	0	0.52027	1.20701	0.12313
0.13859	0.00513	0.00082	0	0.52027	1.20701	0.12313
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7.08532	52.91789	93.10242	12.96851	29.94337	0.11209	20.49922
5.27185	41.88225	68.44096	10.02242	17.14889	0	15.36522
5.27185	41.88225	68.44096	10.02242	17.14889	0	15.36522
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1.81347	11.03564	24.66146	2.94609	11.55011	0.11209	5.134
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0	0	0	1.29587	12.70337	41.08858	0.02028
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0.0016	0.06631	0.0027	0	0	1.03888	0.03359
0.0016	0.06631	0.0027	0	0	1.03888	0.03359
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0.0016	0.06631	0.0027	0	0	1.03888	0.03359
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0.0016	0.06631	0.0027	0	0	1.0361	0.03359
0.0016	0.06631	0.0027	0	0	1.0361	0.03359
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

CHFXIC	CHG2JC	CHGEVC	CHGL6C	CHGQIC	CHGRXC	CHGV0C
100	100	100	99.99749	99.52902	99.72891	99.97417
0.00036	4.95269	49.33793	86.65821	26.33236	0.2055	51.8183
0.00036	4.95269	49.33793	86.65821	26.33236	0.2055	51.8183
0	0.02674	0.01367	0.00314	0.12596	0.00981	0.1568
0	0.02674	0.01367	0	0	0	0.09347
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.09347
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.09347
0	0	0	0	0	0	0.09347
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.02674	0.01367	0	0	0	0
0	0.02674	0.01367	0	0	0	0
0	0.02674	0.01367	0	0	0	0
0	0	0	0.0003	0	0	0
0	0	0	0.0003	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0003	0	0	0
0	0	0	0.0003	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.10074	0.00981	0.06324
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.10074	0.00981	0.06324
0	0	0	0	0.07776	0.00981	0.06324
0	0	0	0	0.07776	0.00981	0.06324
0	0	0	0	0.02299	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00285	0.02521	0	0.0001
0	0	0	0.00093	0.00987	0	0
0	0	0	0.00192	0.01534	0	0.0001
0	0	0	0	0	0	0.0001
0	0	0	0	0	0	0.0001
0	0	0	0.00192	0.01534	0	0
0	0	0	0.00192	0.01534	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00036	4.92595	47.83052	86.65507	26.2054	0.19309	51.57304

0.00036	4.92595	47.83052	86.65507	26.2054	0.19309	51.57304
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	4.92595	47.8276	86.65507	26.2054	0.19309	51.57304
0	0	1.62561	0	0	0	0
0	0	1.62561	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	14.57268	0	0	0	0
0	0	14.57268	0	0	0	0
0	0	28.57547	86.65507	0	0	0
0	0	28.57547	86.65507	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00883	0	26.2054	0	0
0	0	0.00883	0	26.2054	0	0
0	4.92595	3.04502	0	0	0.19309	51.57304
0	4.92595	3.04502	0	0	0.19309	51.57304
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00036	0	0	0	0	0	0
0.00036	0	0	0	0	0	0
0.00036	0	0	0	0	0	0
0	0	0.00291	0	0	0	0
0	0	0.00291	0	0	0	0
0	0	0.00291	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1.49374	0	0.00101	0.0026	0.08846
0	0	1.49374	0	0.00101	0.0026	0.08846
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0.0026	0.05354
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.0026	0.05354
0	0	0	0	0	0.0026	0.05354
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1.28031	0	0	0	0
0	0	1.28031	0	0	0	0
0	0	1.28031	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.2042	0	0	0	0.03491
0	0	0.00251	0	0	0	0
0	0	0.00251	0	0	0	0
0	0	0	0	0	0	0
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0	0	0.20169	0	0	0	0.03491
0	0	0.00923	0	0.00101	0	0
0	0	0.00923	0	0.00101	0	0
0	0	0.00923	0	0.00101	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
13.96836	68.15554	30.14678	0.00651	0	0	0.00358
13.96836	68.15554	30.14678	0.00651	0	0	0.00358
13.96836	68.15554	30.14678	0.00651	0	0	0.00358
13.87628	58.19026	19.18659	0.00651	0	0	0
13.87628	58.19026	19.18659	0.00651	0	0	0

1.14513	14.64021	0	0	0	0	0
1.14513	14.64021	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	19.18659	0.00414	0	0	0
0	0	19.18659	0.00414	0	0	0
0	0.03331	0	0	0	0	0
0	0.03331	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
8.75915	3.56488	0	0	0	0	0
8.75915	3.56488	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
1.99539	22.18343	0	0	0	0	0
1.99539	22.18343	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.61384	1.77381	0	0	0	0	0

0.61384	1.77381	0	0	0	0	0
0	0	0	0	0	0	0
1.36277	15.99462	0	0.00237	0	0	0
1.36277	15.99462	0	0.00237	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.09208	6.89599	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.09208	6.89599	0	0	0	0	0
0	0.3993	0	0	0	0	0
0	0.3993	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.77472	0	0	0	0	0
0	0.77472	0	0	0	0	0
0.09208	0	0	0	0	0	0
0.09208	0	0	0	0	0	0
0	5.72197	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00358
0	0	0	0	0	0	0.00358
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00358
0	0	0	0	0	0	0.00358
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	3.06929	10.96019	0	0	0	0
0	3.06929	10.96019	0	0	0	0
0	0.27447	0.21674	0	0	0	0
0	0.27447	0.21674	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	2.56373	3.70516	0	0	0	0
0	2.56373	3.70516	0	0	0	0
0	0	6.83599	0	0	0	0
0	0	6.83599	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0.2023	0	0	0	0
0	0	0.2023	0	0	0	0
0	0.23108	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
7.78639	18.0149	5.5394	0.58077	17.78594	33.40022	9.11934
7.78639	2.75784	1.54101	0.56698	10.54085	0.37701	3.4946
1.11948	0.15437	0	0.35881	0.52375	0	0.04854
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00112	0	0	0.00089	0	0	0.0014
0.00112	0	0	0.00089	0	0	0.0014
0.00112	0	0	0.00079	0	0	0.0014
0.00112	0	0	0.00079	0	0	0.0014
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00011	0	0	0
1.11837	0.15437	0	0.35792	0.52375	0	0.04713
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.11837	0.15437	0	0.35792	0.52375	0	0.04713
0	0.00987	0	0.02182	0.01648	0	0.04065
0	0.00987	0	0.02182	0.01648	0	0.04065
1.11673	0.14451	0	0.3361	0.46905	0	0.00541
1.11673	0.14451	0	0.3361	0.46905	0	0.00541
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00164	0	0	0	0.03823	0	0.00108
0.00164	0	0	0	0.03823	0	0.00108
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
6.66691	2.60347	1.54101	0.20817	10.0171	0.37701	3.44607
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00043	0	0
0	0	0	0	0.00043	0	0
0	0	0	0	0.00043	0	0
0	0	0	0	0.00043	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.62655	2.1702	0.01419	0	3.82555	0.37069	0.0154
0.62655	2.1702	0.01419	0	3.82555	0.37069	0.0154
0	0.68981	0	0	0	0	0
0	0.68981	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.62655	1.48038	0.01163	0	3.82555	0.37069	0.0154
0.62655	1.48038	0.01163	0	3.82555	0.37069	0.0154
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.00256	0	0	0	0
0	0	0.00256	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.41296	1.51374	0.0316	5.94235	0	2.97579
0	0.41296	1.51374	0.0316	5.94235	0	2.97579
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.75655	0	0
0	0	0	0	0.75655	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.07064	0.0316	0	0	2.97579
0	0	0.07064	0.0316	0	0	2.97579
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.41296	1.4348	0	5.1858	0	0
0	0.41296	1.4348	0	5.1858	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0.0083	0	0	0	0
0	0	0.0083	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
6.04036	0.02031	0.01308	0.17656	0.24877	0.00632	0.45488
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
6.04036	0.02031	0.01308	0.17656	0.24877	0.00632	0.45488
0	0	0	0	0	0	0
0	0	0	0	0	0	0
5.90521	0	0	0	0	0	0
5.90521	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.00193	0.00606	0.07544	0.00521	0.01842
0	0	0.00193	0.00606	0.07544	0.00521	0.01842
0	0.00196	0.00068	0.05279	0.03874	0	0
0	0.00196	0.00068	0.05279	0.03874	0	0
0	0	0	0	0	0	0

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0.13514	0.01476	0.01047	0.02989	0.00314	0.00111	0.12117
0.13514	0.01476	0.01047	0.02989	0.00314	0.00111	0.12117
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0	0.003	0	0.08782	0.09702	0	0.27881
0	0.003	0	0.08782	0.09702	0	0.27881
0	0.19281	3.46387	0	6.60688	32.92974	4.57825
0	0.19281	3.46387	0	6.60688	32.92974	4.57825
0	0	0.37646	0	1.39774	32.92974	4.00337
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0	0	0.37646	0	1.39774	32.92974	4.00337
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0	0	0	0	1.39774	0.00891	0.20323
0	0	0	0	1.39774	0.00891	0.20323
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0	0.18568	0.05681	0	0	0	0
0	0.18568	0.05681	0	0	0	0
0	0	1.40853	0	0	0	0.00647
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0	0	1.40853	0	0	0	0.00647
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0	0.00051	0.54503	0	5.20914	0	0.31584
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0	0	0.30913	0	4.60589	0	0.31584
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0	0	0.01594	0	4.60589	0	0.31584
0	0	0.01594	0	4.60589	0	0.31584
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0	0.00661	0.04101	0	0	0	0.25256
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0	0.00661	0.04101	0	0	0	0
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0	0	0.1824	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	12.39313	0.25151	0.01379	0.63821	0.09346	1.04649
0	12.39313	0.25151	0.01379	0.63821	0.09346	1.04649
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	12.39313	0.25151	0.01379	0.63821	0.09346	1.04649
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	12.39313	0.25151	0.01379	0.63821	0.09346	1.04649
0	0	0.02135	0	0.04137	0.04701	0.12701
0	0	0.02135	0	0.04137	0.04701	0.12701
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0	0	0	0	0.03606	0.00704	0.16377
0	9.50834	0.21321	0.01283	0.07354	0.00518	0.31969
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0	9.50834	0.21321	0.01283	0.07354	0.00518	0.31969
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0	0	0	0	0	0	0
0	2.88479	0.01694	0.00096	0.48724	0.03423	0.43602
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78.24488	8.87687	14.97589	12.752	55.41072	66.12319	39.03296
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0.01406	0	0.06046	0.00471	0	0	0
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0.01406	0	0	0.00471	0	0	0
0.01406	0	0	0.00471	0	0	0
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0	0	0	0	0	0	0
0.01406	0	0	0.00471	0	0	0
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0	0	0	9.00E-05	0	0	0
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0.01406	0	0	0.00462	0	0	0
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78.23083	8.87687	14.91543	12.74729	55.41072	66.12319	39.03296
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77.87281	8.87687	14.91543	12.65846	55.22098	66.11463	38.7364
77.87281	8.87687	14.91543	12.65846	55.22098	66.11463	38.7364
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0	0	0	0	0	0	8.96463
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77.87281	8.78023	14.67626	12.65783	0	56.65626	26.74435
53.56902	6.78738	10.40171	9.3743	0	45.43988	17.8645
53.56902	6.78738	10.40171	9.3743	0	45.43988	17.8645
0	0	0	0	0	0	0
0	0	0	0	0	0	0
24.30379	1.99285	4.27455	3.28354	0	11.21638	8.87986
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.20909	0	55.22098	9.45837	3.02741
0	0	0.10509	0	0	0	1.36892
0	0	0.10509	0	0	0	1.36892
0	0	0.10401	0	55.22098	9.45837	1.65849
0	0	0.10401	0	55.22098	9.45837	1.65849
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0	0	0.03008	0	0	0	0
0	0	0.03008	0	0	0	0

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0	0	0	0	0	0	0
0.35801	0	0	0.08883	0.18974	0.00856	0.29656
0.35801	0	0	0.08883	0.18974	0.00856	0.29656
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.35801	0	0	0.08883	0.18974	0.00856	0.29656
0.00166	0	0	0.0015	0.00056	0	0
0.00166	0	0	0.0015	0.00056	0	0
0.00173	0	0	0.00106	0	0	0
0.00173	0	0	0.00106	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.35462	0	0	0.08627	0.18918	0.00856	0.29656
0.35462	0	0	0.08627	0.18918	0.00856	0.29656
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0	0	0	0.00251	0.47098	0.27109	0
0	0	0	0.00251	0.47098	0.27109	0
0	0	0	0.00251	0.47098	0.27109	0

0	0	0	0.00251	0.47098	0.27109	0
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0	0	0	0	0	0	0

CHGXHC	CHHA0C	CHHFTC	CHHHDC	CHHJ9C	CHHKXC	CHHLNC
100	98.16879	100	99.2901	100	100	99.99915
0.04664	10.52181	28.51892	7.21356	0.01806	24.09104	98.99867
0.04664	10.52181	28.51892	7.21356	0.01806	24.09104	98.99867
0.00856	0.04272	0.00631	0	0.01806	0.00921	0.00487
0	0.04216	0	0	0	0.00643	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.0191	0	0	0	0.00643	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00693	0	0	0	0	0
0	0.00693	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01217	0	0	0	0	0
0	0.01217	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0.00643	0
0	0	0	0	0	0.00643	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.02306	0	0	0	0	0
0	0.02306	0	0	0	0	0
0	0.02306	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00034	0	0	0	0	0
0	0.00034	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00856	0.00023	0	0	0.01019	0.00279	0.00487
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00856	0.00023	0	0	0.01019	0.00279	0.00487
0.00327	0.00023	0	0	0.01019	0.00094	0.00294
0.00327	0.00023	0	0	0.01019	0.00094	0.00294
0.00529	0	0	0	0	0.00185	0.00193
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00631	0	0.00786	0	0
0	0	0.00631	0	0.00649	0	0
0	0	0	0	0.00137	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00137	0	0
0	0	0	0	0.00137	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	10.00008	17.80675	4.47247	0	24.02099	98.98875

0	10.00008	17.80675	4.47247	0	24.02099	98.98875
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	10.00008	17.80675	4.47247	0	24.02099	98.98875
0	0	0	1.18682	0	0	0
0	0	0	1.18682	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	3.818	0.00701	0	0	0.11399	8.65651
0	3.818	0.00701	0	0	0.11399	8.65651
0	0	0.0222	0.3207	0	23.63838	89.31388
0	0	0.0222	0.3207	0	23.63838	89.31388
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.06399	0	0	0.13082	0
0	0	0.06399	0	0	0.13082	0
0	4.04867	17.71354	2.7839	0	0.1378	1.01836
0	4.04867	17.71354	2.7839	0	0.1378	1.01836
0	0	0	0	0	0	0
0	2.13341	0	0.18106	0	0	0
0	2.13341	0	0.18106	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03808	0.47901	10.70587	2.74109	0	0.06084	0.00505
0.03808	0.47901	10.70587	2.74109	0	0.06084	0.00505
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0	0.00748	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.00748	0	0	0	0	0
0	0.00748	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.11372	10.70587	2.7042	0	0	0
0	0.11372	10.70587	2.7042	0	0	0
0	0.11372	10.70587	2.7042	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03808	0.35781	0	0.03689	0	0	0.00505
0.00253	0.02298	0	0	0	0	0
0.00253	0.02298	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03555	0.33483	0	0.03689	0	0	0.00505
0	0	0	0	0	0.06084	0
0	0	0	0	0	0.06084	0
0	0	0	0	0	0.06084	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
28.26073	17.45158	50.4359	59.08426	0	55.24512	0.28085
28.26073	17.45158	50.4359	59.08426	0	55.24512	0.28085
28.26073	17.45158	50.4359	59.08426	0	55.24512	0.28085
28.26022	17.45017	21.15166	45.43991	0	55.22399	0.24544
28.26022	17.45017	21.15166	45.43991	0	55.22399	0.24544

1.16738	17.45017	8.51721	0	0	31.55978	0
1.16738	17.45017	8.51721	0	0	31.55978	0
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0	0	0	0	0	0	0
0	0	0	35.47998	0	0	0
0	0	0	35.47998	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04362	0	0.1975	0	0	23.66421	0.01591
0.04362	0	0.1975	0	0	23.66421	0.01591
0	0	0	0	0	0	0
1.05626	0	0	0	0	0	0
1.05626	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00761	0	0	0	0
0	0	0.00761	0	0	0	0
0	0	4.85022	0	0	0	0.02375
0	0	4.85022	0	0	0	0.02375
0.03892	0	1.51476	7.99156	0	0	0.13901

0.03892	0	1.51476	7.99156	0	0	0.13901
0	0	0	0	0	0	0
25.95403	0	5.59923	1.96838	0	0	0.06531
25.95403	0	5.59923	1.96838	0	0	0.06531
0	0	0.01246	0	0	0	0
0	0	0.01246	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00051	0	28.72801	13.2808	0	0	0.02734
0	0	10.04428	0	0	0	0
0	0	10.04428	0	0	0	0
0	0	10.04428	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.77035	0	0	0	0
0	0	0.77035	0	0	0	0
0	0	0.77035	0	0	0	0
0	0	0	0	0	0	0
0.00051	0	17.91339	13.28002	0	0	0.02734
0	0	3.87434	13.28002	0	0	0.01216
0	0	3.87434	13.28002	0	0	0.01216
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00051	0	14.03905	0	0	0	0
0.00051	0	14.03905	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.01518
0	0	0	0.00078	0	0	0
0	0	0	0.00078	0	0	0

0	0	0	0.00078	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.0014	0.41303	0.36355	0	0.02113	0.00806
0	0.0014	0.41303	0.36355	0	0.02113	0.00806
0	0	0	0.00366	0	0	0
0	0	0	0.00366	0	0	0
0	0	0.00064	0.10822	0	0	0.00806
0	0	0.00064	0.10822	0	0	0.00806
0	0	0	0.00119	0	0	0
0	0	0	0.00119	0	0	0
0	0	0.36204	0	0	0	0
0	0	0.36204	0	0	0	0
0	0	0.04327	0.24428	0	0	0
0	0	0.04327	0.24428	0	0	0
0	0	0	0	0	0.02113	0
0	0	0	0	0	0.02113	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.0014	0.00709	0.0062	0	0	0
0	0.0014	0.00709	0.0062	0	0	0
0	0	0.14319	0	0	0	0
0	0	0.14319	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.14319	0	0	0	0
0	0	0.14319	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
30.25525	40.14488	15.33161	23.946	99.52481	6.0033	0.47323
2.451	5.18261	0.39992	1.48354	13.87691	0.24982	0.44842
0.17782	0.02925	0	0	4.23219	0.00029	0.16101
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00185	0	0
0	0	0	0	0.00185	0	0
0	0	0	0	0.00174	0	0
0	0	0	0	0.00174	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.0001	0	0
0.17782	0.02925	0	0	4.23034	0.00029	0.16101
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.17782	0.02925	0	0	4.23034	0.00029	0.16101
0	0	0	0	0	0.00029	0
0	0	0	0	0	0.00029	0
0.04203	0.02664	0	0	3.52973	0	0.15965
0.04203	0.02664	0	0	3.52973	0	0.15965
0	0	0	0	0	0	0.00136
0	0	0	0	0	0	0.00136
0.1358	0.00261	0	0	0.70061	0	0
0.1358	0.00261	0	0	0.70061	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.27317	5.15336	0.39992	1.48354	9.64472	0.24953	0.28742
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.64574	0.39575	0.07993	0	0.00466	0
0	0.64574	0.39575	0.07993	0	0.00466	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.50009	0	0.05554	0	0	0
0	0.50009	0	0.05554	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00873	0.22654	0.02439	0	0.00466	0
0	0.00873	0.22654	0.02439	0	0.00466	0
0	0.03034	0	0	0	0	0
0	0.03034	0	0	0	0	0
0	0.00316	0.16921	0	0	0	0
0	0.00316	0.16921	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.09612	0	0	0	0	0

0	0.09612	0	0	0	0	0
0	0.0073	0	0	0	0	0
0	0.0073	0	0	0	0	0
0	2.00071	0	0.84671	0	0	0
0	2.00071	0	0.84671	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.64432	0	0	0	0	0
0	0.64432	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.53767	0	0	0	0	0
0	0.53767	0	0	0	0	0
0	0	0	0.84671	0	0	0
0	0	0	0.84671	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.71622	0	0	0	0	0
0	0.71622	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.1025	0	0	0	0	0
0	0.1025	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01994	0	0	0	0	0
0	0.01994	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.01994	0	0	0	0	0
0	0.01994	0	0	0	0	0
2.27317	2.48697	0.00417	0.5569	9.64472	0.24487	0.28742
0	2.23879	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	2.23879	0	0	0	0	0
0	2.23879	0	0	0	0	0
2.27317	0.24819	0.00417	0.5569	9.64472	0.24487	0.28742
0	0	0	0	0	0.0033	0
0	0	0	0	0	0.0033	0
0	0	0	0.00786	0	0.0424	0
0	0	0	0.00786	0	0.0424	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.03096	0	0	0	0	0
0	0.03096	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.54504	0	0	0
0	0	0	0.54504	0	0	0
0	0.00871	0	0	0	0	0
0	0.00871	0	0	0	0	0
0	0.00077	0.00033	0.00232	0.00544	0.0078	0.00205
0	0.00077	0.00033	0.00232	0.00544	0.0078	0.00205
0.07536	0.00451	0.0025	0.00114	0.77479	0.03415	5.00E-05
0.07536	0.00451	0.0025	0.00114	0.77479	0.03415	5.00E-05
0	0.17733	0	0	0	0	0

0	0.17733	0	0	0	0	0
0	0	0	0	0	0.00145	0
0	0	0	0	0	0.00145	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.19781	0.00274	0.00134	0.00052	8.84593	0.1327	0.28532
2.19781	0.00274	0.00134	0.00052	8.84593	0.1327	0.28532
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01041	0	0	0.01856	0	0
0	0.01041	0	0	0.01856	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01275	0	0	0	0.02308	0
0	0.01275	0	0	0	0.02308	0
0.36614	19.21967	3.02337	22.18572	14.27415	2.93221	0.00375
0.36614	19.21967	3.02337	22.18572	14.27415	2.93221	0.00375
0.19388	1.3667	0	8.11213	14.26306	2.32298	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.19388	1.3667	0	8.11213	14.26306	2.32298	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.15676	0	0	0	0.2892	0
0	0.15676	0	0	0	0.2892	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1.15905	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	1.15905	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	2.24849	0	0.50862	0
0	0	0	2.24849	0	0.50862	0
0	1.00913	0	0.00124	14.26306	0.00512	0
0	1.00913	0	0.00124	14.26306	0.00512	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.19388	0.20081	0	0	0	0	0
0.19388	0.20081	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	5.8624	0	0.361	0
0	0	0	5.8624	0	0.361	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00322	0.00245	0.02617	0	0	0
0	0	0	0.00764	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00061	0	0	0
0	0	0	0.00061	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00703	0	0	0
0	0	0	0.00703	0	0	0
0	0.00322	0.00115	0.01122	0	0	0
0	0.00322	0.00115	0.01122	0	0	0
0	0.00322	0.00115	0.01122	0	0	0

0	0	0.0013	0.00732	0	0	0
0	0	0.0013	0.00732	0	0	0
0	0	0.0013	0.00732	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.49321	0.00082
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.49321	0.00082
0	0	0	0	0	0.49321	0.00082
0	0	0	0	0	0.49321	0.00082
0	0	0	0.04808	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.04808	0	0	0
0	0	0	0.01725	0	0	0
0	0	0	0.01725	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.03083	0	0	0
0	0	0	0.03083	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	16.59611	1.43126	10.29007	0	0.07769	0.00293
0	0	0	0.76532	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0.76532	0	0	0
0	15.49518	0	9.08437	0	0.02097	0.00293
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.10751	0	0.02097	0
0	0	0	0.10751	0	0.02097	0
0	14.98102	0	6.98842	0	0	0
0	14.98102	0	6.98842	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.51416	0	1.98844	0	0	0.00293
0	0.51416	0	1.98844	0	0	0.00293
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.02039	1.43126	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.39537	0	0	0	0
0	0	0.39537	0	0	0	0
0	0.02039	1.03589	0	0	0	0
0	0	0	0.44038	0	0.04476	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00793	0	0	0
0	0	0	0.00793	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.01694	0	0	0

0	0	0	0.01694	0	0	0
0	0	0	0.22482	0	0.04476	0
0	0	0	0.22482	0	0.04476	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.19069	0	0	0
0	0	0	0.19069	0	0	0
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0	1.08054	0	0	0	0.01196	0
0	1.08054	0	0	0	0	0
0	1.08054	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.01196	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1.25364	1.16549	0.95841	0.01109	0.03832	0
0	1.25364	1.16011	0.9441	0.01109	0.03679	0
0	0.93808	1.16011	0.92972	0.01109	0.01082	0
0	0.93808	1.16011	0.92972	0.01109	0.01082	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.01438	0	0.02597	0
0	0	0	0.01438	0	0.02597	0
0	0	0	0	0	0	0
0	0.31557	0	0	0	0	0
0	0.31557	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00538	0.01431	0	0.00153	0

0	0	0.00538	0.01431	0	0	0
0	0	0.00538	0.01431	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00153	0
0.17226	0	0.42418	2.75086	0	0	0
0	0	0	0.04883	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.04883	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.17226	0	0.42418	2.70203	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.17226	0	0.38557	2.70203	0	0	0
0	0	0.0386	0	0	0	0
0	0	0.0386	0	0	0	0
1.52712	1.05426	2.02061	0.16833	0	0.17234	0
1.52712	1.05426	2.02061	0.16833	0	0.17234	0
1.52712	1.05426	2.02061	0.16833	0	0.17234	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.63392	0.32982	0.14072	0	0.14113	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.63392	0.32982	0.14072	0	0.14113	0
1.52712	0.42034	1.69079	0.02761	0	0.03122	0
0	0.09523	0	0	0	0	0

0	0.09523	0	0	0	0	0
0	0.24861	0.03962	0.02761	0	0.03122	0
0	0.24861	0.03962	0.02761	0	0.03122	0
0	0.0008	0	0	0	0	0
0	0.0008	0	0	0	0	0
0.00019	0.06419	0	0	0	0	0
0.00019	0.06419	0	0	0	0	0
1.52032	0	0	0	0	0	0
1.52032	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00662	0.01151	0	0	0	0	0
0.00662	0.01151	0	0	0	0	0
0	0	1.65117	0	0	0	0
0	0	1.65117	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
25.91099	14.68834	9.88772	0.10841	71.37374	2.64893	0.02105
25.91099	14.68834	9.88772	0.10841	71.37374	2.64893	0.02105
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
25.91099	14.68834	9.88772	0.10841	71.37374	2.64893	0.02105
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1.32811	0	0	0	0	0
0	1.32811	0	0	0	0	0
0	1.32811	0	0	0	0	0
0	0	0	0	0	0	0
0	0	2.5347	0	0	0	0
0	0	0.51901	0	0	0	0
0	0	0.51901	0	0	0	0
0	0	2.01569	0	0	0	0
25.91099	13.36022	7.35302	0.10841	71.37374	2.64893	0.02105
0	0.15269	0.01387	0.00069	19.49573	0.20491	0
0	0.15269	0.01387	0.00069	19.49573	0.20491	0
0	0.03427	0	0	12.87229	0.11936	0
0	0.03427	0	0	12.87229	0.11936	0
25.35902	4.30666	2.37776	0.09147	0.06765	0.63414	0.01559
0	0	0	0	0	0	0
25.35902	4.30666	2.37776	0.09147	0.06765	0.63414	0.01559
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.55197	8.86661	4.96139	0.01626	38.93807	1.69052	0.00547
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
41.43738	30.05052	5.71357	7.74564	0.45714	14.66054	0.24639
0	0.009	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.009	0	0	0	0	0
0	0.00657	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00657	0	0	0	0	0
0	0.00657	0	0	0	0	0
0	0.00657	0	0	0	0	0
0	0.00243	0	0	0	0	0
0	0.00243	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00243	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.07454	0	0	0	0.00348	0.10038
0	0.07454	0	0	0	0	0.10038
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0.07454	0	0	0	0	0.10038
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.10038
0	0	0	0	0	0	0.10038
0	0	0	0	0	0	0
0	0	0	0	0	0	0.10038
0	0.07454	0	0	0	0	0
0	0	0	0	0	0.00348	0
0	0	0	0	0	0.00348	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00348	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00348	0
0	0	3.35341	0	0	0	0
0	0	3.35341	0	0	0	0
0	0	3.35341	0	0	0	0
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0	0	3.15901	0	0	0	0
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0	0	0.1944	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
41.43738	29.96698	2.36015	7.74564	0.45714	14.65706	0.14601
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
41.4333	29.90667	2.36015	7.65299	0.31853	13.32337	0.10171
41.4333	29.90667	2.36015	7.65299	0.31853	13.32337	0.10171
0	0.85635	0.87268	1.29218	0	0.00155	0
0	0.67587	0.72688	1.02049	0	0.00121	0
0	0.67587	0.72688	1.02049	0	0.00121	0
0	0.09105	0	0	0	0	0
0	0.09105	0	0	0	0	0
0	0.08943	0.14579	0.27169	0	0.00034	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	8.27287	0.20841	0.0494	0.24611	0.09552	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	7.17117	0.20841	0.0494	0.24611	0.09552	0
0	7.17117	0.20841	0.0494	0.24611	0.09552	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1.1017	0	0	0	0	0
0	1.1017	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
35.45686	7.46467	0.11805	5.72213	0.01783	11.47902	0.10171
27.71111	4.42271	0.04699	3.56713	0	8.14986	0.09431
27.71111	4.42271	0.04699	3.56713	0	8.14986	0.09431
0	2.30565	0	0	0	0	0
0	2.30565	0	0	0	0	0
7.74574	0.73631	0.07106	2.155	0.01783	3.32916	0.00741
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
5.97644	13.00805	1.14975	0.51255	0.0216	1.43044	0
0	0.13	0.02677	0	0.00386	0	0
0	0.13	0.02677	0	0.00386	0	0
5.97644	12.87805	0.52193	0.45844	0	1.11649	0
5.97644	12.87805	0.52193	0.45844	0	1.11649	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.60105	0.05411	0.01774	0.31394	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.15896	0	0	0	0.31684	0
0	0.15896	0	0	0	0.31684	0
0	0.15896	0	0	0	0.31684	0
0	0	0	0	0.03299	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.03299	0	0
0	0.08239	0	0.07504	0	0	0
0	0.08239	0	0.07504	0	0	0
0	0.08239	0	0.07504	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.01126	0.0017	0	0	0
0	0	0.01126	0.0017	0	0	0

0	0	0.01126	0.0017	0	0	0
0	0.06338	0	0	0	0	0
0	0.00019	0	0	0	0	0
0	0.00019	0	0	0	0	0
0	0.06319	0	0	0	0	0
0	0.06319	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00408	0	0	0.09265	0.00688	1.33369	0.00131
0.00408	0	0	0.09265	0.00688	1.33369	0.00131
0	0	0	0	0	0.00513	0
0	0	0	0	0	0.00513	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00408	0	0	0.09265	0.00688	1.32856	0.00131
0.00408	0	0	0	0	0.07964	0.00085
0.00408	0	0	0	0	0.07964	0.00085
0	0	0	0	0	0.04949	0.00046
0	0	0	0	0	0.04949	0.00046
0	0	0	0	0	0.00672	0
0	0	0	0	0	0.00672	0
0	0	0	0.09265	0.00688	1.19142	0
0	0	0	0.09265	0.00688	1.19142	0
0	0	0	0	0	0.00129	0
0	0	0	0	0	0.00129	0
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0	0	0	0	0	0	0
0	0.04152	0	0	0.13173	0	0.04298
0	0.04152	0	0	0.13173	0	0
0	0.04152	0	0	0.13173	0	0
0	0	0	0	0.10871	0	0
0	0	0	0	0.10871	0	0
0	0.00384	0	0	0	0	0
0	0.00384	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0.01261	0	0	0	0	0
0	0.01261	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.01406	0	0	0.02302	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.04298
0	0	0	0	0	0	0.04298
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00091
0	0	0	0	0	0	0.00091
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.0101
0	0	0	0	0	0	0.0101
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00052
0	0	0	0	0	0	0.00052
0	0	0	0	0	0	0.03145
0	0.01879	0	0	0	0	0
0	0.01879	0	0	0	0	0
0	0.01879	0	0	0	0	0
0	0.01574	0	0	0	0	0
0	0.01574	0	0	0	0	0
0	0.00305	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1.30064	0	0	0
0	0	0	1.30064	0	0	0
0	0	0	1.30064	0	0	0
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0	0	0	0	0	0	0
0	1.83121	0	0.7099	0	0	0.00085
0	1.83121	0	0.7099	0	0	0.00085
0	1.83121	0	0.7099	0	0	0.00085

0	1.70248	0	0	0	0	0.00085
0	1.52298	0	0	0	0	0
0	0.31962	0	0	0	0	0
0	0.31962	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	1.20336	0	0	0	0	0
0	1.20336	0	0	0	0	0
0	1.20336	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.1795	0	0	0	0	0.00085
0	0	0	0	0	0	0.00085
0	0	0	0	0	0	0.00085

0	0.1795	0	0	0	0	0
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0	0.1795	0	0	0	0	0
0	0.1795	0	0	0	0	0
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0	0.12873	0	0.7099	0	0	0
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0	0	0	0	0	0	0
0	0.12873	0	0.7099	0	0	0
0	0.12873	0	0.7099	0	0	0
0	0.12873	0	0.7099	0	0	0
0	0.12873	0	0.7099	0	0	0
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CHHMNC	CHHNFC	CHI4BC	CHIBQC	CHII1C	CHIIAC	CHIORC
100	100	100	100	100	99.89988	100
16.95442	0	0	0.66407	0	10.23763	35.51851
16.95442	0	0	0.66407	0	10.23763	35.51851
0.01134	0	0	0.66407	0	0.03575	0.00544
0.01134	0	0	0.66407	0	0.03575	0.00229
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0	0	0	0	0	0	0
0.01134	0	0	0	0	0.03499	0.00229
0.01134	0	0	0	0	0.03499	0.00229
0.01134	0	0	0	0	0.03499	0.00229
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0	0	0	0	0	0	0
12.8317	0	0	0	0	6.90925	34.25429

12.8317	0	0	0	0	6.90925	34.25429
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
12.8317	0	0	0	0	6.90925	34.25429
0	0	0	0	0	1.56017	0.73158
0	0	0	0	0	1.56017	0.73158
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2.3269	0	0	0	0	0	9.22085
2.3269	0	0	0	0	0	9.22085
0.01801	0	0	0	0	0	22.87218
0.01801	0	0	0	0	0	22.87218
0	0	0	0	0	0.00703	0
0	0	0	0	0	0.00703	0
0.01101	0	0	0	0	0.00072	0.00561
0.01101	0	0	0	0	0.00072	0.00561
7.32437	0	0	0	0	0.01359	1.42407
7.32437	0	0	0	0	0.01359	1.42407
0	0	0	0	0	0	0
3.15141	0	0	0	0	5.32775	0
3.15141	0	0	0	0	5.32775	0
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4.11138	0	0	0	0	3.29263	1.25878
4.11138	0	0	0	0	3.29263	1.25878
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0	0	0	0	0	0	0

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4.09653	0	0	0	0	3.29263	1.07087
4.07751	0	0	0	0	3.29263	1.07087
4.07751	0	0	0	0	3.29263	1.07087
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0.01903	0	0	0	0	0	0
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0.01485	0	0	0	0	0	0.18048
0.00013	0	0	0	0	0	0.00209
0.00013	0	0	0	0	0	0.00209
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0.01471	0	0	0	0	0	0.17839
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44.44856	0	0	0	0	73.85002	31.31854
44.44856	0	0	0	0	73.85002	31.31854
44.44856	0	0	0	0	73.85002	31.31854
5.1207	0	0	0	0	73.85002	18.08751
5.1207	0	0	0	0	73.85002	18.08751

2.03551	0	0	0	0	0	0
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0.03571	0	0	0	0	0	0
0.03571	0	0	0	0	0	0
0.0959	0	0	0	0	49.20273	18.08751
0.0959	0	0	0	0	49.20273	18.08751
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0	0	0	0	0	0	0
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0.57268	0	0	0	0	0	0
0.57268	0	0	0	0	0	0
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0.2137	0	0	0	0	0	0
0.07417	0	0	0	0	0	0
0.13953	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0.05646	0	0	0	0	0	0
0.05646	0	0	0	0	0	0
1.12349	0	0	0	0	0	0
1.12349	0	0	0	0	0	0
0.47626	0	0	0	0	22.57356	0

0.47626	0	0	0	0	22.57356	0
0	0	0	0	0	0	0
0.49281	0	0	0	0	0.79775	0
0.49281	0	0	0	0	0.79775	0
0	0	0	0	0	0.9585	0
0	0	0	0	0	0.9585	0
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13.70429	0	0	0	0	0	0
1.46395	0	0	0	0	0	0
1.46395	0	0	0	0	0	0
1.46395	0	0	0	0	0	0
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12.24034	0	0	0	0	0	0
0.00466	0	0	0	0	0	0
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12.23569	0	0	0	0	0	0
12.23569	0	0	0	0	0	0
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24.79209	0	0	0	0	0	0
24.79209	0	0	0	0	0	0
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24.79209	0	0	0	0	0	0
24.79209	0	0	0	0	0	0
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0.83149	0	0	0	0	0	13.23103
0.83149	0	0	0	0	0	13.23103
0	0	0	0	0	0	0.28482
0	0	0	0	0	0	0.28482
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	4.33241
0	0	0	0	0	0	4.33241
0.49141	0	0	0	0	0	8.24404
0.49141	0	0	0	0	0	8.24404
0.34007	0	0	0	0	0	0
0.34007	0	0	0	0	0	0

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14.20221	4.80149	97.31022	35.6552	0.22801	10.62371	4.04925
2.16867	4.79864	97.31022	18.18026	0.22801	1.98965	1.22702
0.00694	0.03296	0.33625	0.10391	0.08828	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00694	0.03296	0.33625	0.10391	0.08828	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00694	0.03296	0.33625	0.10391	0.08828	0	0
0	0	0	0.05575	0	0	0
0	0	0	0.05575	0	0	0
0	0.03296	0.33625	0.04816	0.06591	0	0
0	0.03296	0.33625	0.04816	0.06591	0	0
0	0	0	0	0	0	0
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0.00694	0	0	0	0.02237	0	0
0.00694	0	0	0	0.02237	0	0
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0	0	0	0	0	0	0

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2.16173	4.76568	96.97397	18.07635	0.13973	1.98965	1.22702
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0	0	0	0	0	0	0
0.05356	0	94.03819	11.75889	0.00394	1.86409	0.03429
0.05356	0	94.03819	11.75889	0.00394	1.86409	0.03429
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1.86409	0
0	0	0	0	0	1.86409	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04704	0	94.03819	11.75889	0.00394	0	0.03265
0.04704	0	94.03819	11.75889	0.00394	0	0.03265
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0.00653	0	0	0	0	0	0
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0	0	0	0	0	0	0
1.50864	0	0	6.21505	0	0.08279	1.18995
1.50864	0	0	6.21505	0	0.08279	1.18995
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0	0	0	6.21505	0	0	0
0	0	0	6.21505	0	0	0
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1.32007	0	0	0	0	0	0
1.32007	0	0	0	0	0	0
0.18857	0	0	0	0	0	0.03488
0.18857	0	0	0	0	0	0.03488
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0	0	0	0	0	0	0
0	0	0	0	0	0.08279	1.15312
0	0	0	0	0	0.08279	1.15312
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0	0	0	0	0	0	0.00195

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0	0	0	0	0	0	0
0.59953	4.76568	2.93578	0.10242	0.13579	0.04277	0.00277
0.0025	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0025	0	0	0	0	0	0
0.0025	0	0	0	0	0	0
0.59702	4.76568	2.93578	0.10242	0.13579	0.04277	0.00277
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0	0	0	0.00393	0	0	0.00033
0.00238	0	0	0	0	0.00686	0
0.00238	0	0	0	0	0.00686	0
0	0	0	0	0	0	0

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0.00792	4.76568	2.93578	0.09848	0.01459	0	0
0.00792	4.76568	2.93578	0.09848	0.01459	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.58345	0	0	0	0	0	0
0.58345	0	0	0	0	0	0
0.00327	0	0	0	0	0.03591	0.00244
0.00327	0	0	0	0	0.03591	0.00244
0	0	0	0	0	0	0
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0	0	0	0	0.12121	0	0
0	0	0	0	0.12121	0	0
1.99083	0	0	15.28653	0	5.14934	2.3231
1.99083	0	0	15.28653	0	5.14934	2.3231
0.59382	0	0	12.60195	0	0.96762	0.54584
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.59382	0	0	12.60195	0	0.96762	0.54584
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0.00037	0	0	0	0	0	0.3481
0.00037	0	0	0	0	0	0.3481
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0.3097	0	0	0	0	0	0
0.3097	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0.96762	0
0	0	0	0	0	0	0

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0	0	0	11.58535	0	0	0
0	0	0	11.58535	0	0	0
0.28375	0	0	1.0166	0	0	0
0.28375	0	0	1.0166	0	0	0
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0	0	0	0	0	0	0
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0.20238	0	0	1.15592	0	3.88835	0.14156
0	0	0	0	0	0	0.06142
0	0	0	0	0	0	0.06142
0	0	0	0	0	0	0.06142
0.20238	0	0	1.15592	0	3.88835	0.08014
0.20238	0	0	1.15592	0	3.88835	0.08014
0.20238	0	0	1.15592	0	3.88835	0.08014
0	0	0	0	0	0	0.83849
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0.83849
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1.01772	0	0	1.52866	0	0.11859	0.54495
0	0	0	0	0	0	0.20525
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0.88721	0	0	1.52866	0	0.02008	0.3397
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0.85217	0	0	0	0	0	0.33217
0.85217	0	0	0	0	0	0.33217
0	0	0	0	0	0.02008	0
0	0	0	0	0	0.02008	0
0.03505	0	0	1.52866	0	0	0.00753
0.03505	0	0	1.52866	0	0	0.00753
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0	0	0	0	0	0	0
0	0	0	0	0	0.00168	0
0.1305	0	0	0	0	0.09683	0
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0	0	0	0	0	0	0
0.00771	0	0	0	0	0	0
0.00771	0	0	0	0	0	0
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0.00674	0	0	0	0	0.00289	0
0.00674	0	0	0	0	0.00289	0
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0	0	0	0	0	0.07971	0

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0.11605	0	0	0	0	0	0
0.11605	0	0	0	0	0	0
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0.02178	0	0	0	0	0.17478	0.0246
0.02178	0	0	0	0	0.17478	0.0246
0.02178	0	0	0	0	0.08823	0.0246
0.02178	0	0	0	0	0.08823	0.0246
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0	0	0	0	0	0.08655	0
0	0	0	0	0	0.08655	0
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0.15514	0	0	0	0	0	0.22766
0.00385	0	0	0	0	0	0
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0.00385	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.15129	0	0	0	0	0	0.02901
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0.15129	0	0	0	0	0	0.02901
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0	0	0	0	0	0.93764	0.30651
0	0	0	0	0	0.93764	0.30651
0	0	0	0	0	0.93764	0.30651
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.61301	0.07142
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0	0	0	0	0	0	0
0	0	0	0	0	0.61301	0.07142
0	0	0	0	0	0.32463	0.23509
0	0	0	0	0	0	0

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0	0	0	0	0	0.32463	0.02722
0	0	0	0	0	0.32463	0.02722
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0	0	0	0	0	0	0.03802
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0	0	0	0	0	0	0
10.04271	0.00285	0	2.18841	0	2.54709	0.19261
10.04271	0.00285	0	2.18841	0	2.54709	0.19261
9.93579	0	0	0	0	0.01032	0
0	0	0	0	0	0	0
9.93579	0	0	0	0	0.01032	0
0	0	0	0	0	0.01032	0
0	0	0	0	0	0.01032	0
7.76665	0	0	0	0	0	0
7.76665	0	0	0	0	0	0
2.16914	0	0	0	0	0	0
0.10692	0.00285	0	2.18841	0	2.53677	0.19261
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0	0	0	0	0	0	0
0.10692	0.00285	0	2.18841	0	2.53677	0.19261
0	0	0	0.00103	0	0	0.00031
0	0	0	0.00103	0	0	0.00031
0.00369	0	0	0.01137	0	0.01109	0
0.00369	0	0	0.01137	0	0.01109	0
0.05779	0	0	0.99664	0	0.55046	0.1923
0	0	0	0	0	0	0
0.05779	0	0	0.99664	0	0.55046	0.1923
0	0	0	0	0	1.97522	0
0	0	0	0	0	1.97522	0
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0.04544	0.00285	0	1.17936	0	0	0
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23.67899	95.19851	2.68978	63.68074	99.77199	5.18852	29.1137
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0	0	0	0	0	0	0
10.06874	0	0	0	0	0.08207	0.07836
10.06874	0	0	0	0	0.08207	0.07836
0	0	0	0	0	0	0.06786
0	0	0	0	0	0	0.06786
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0	0	0	0	0	0	0

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10.06874	0	0	0	0	0.08207	0.0105
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0	0	0	0	0	0	0.0105
0	0	0	0	0	0	0.0105
10.06874	0	0	0	0	0	0
10.06874	0	0	0	0	0	0
0	0	0	0	0	0	0
10.06874	0	0	0	0	0	0
0	0	0	0	0	0.08207	0
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0.3914	0	0	0	0	0	0
0.3914	0	0	0	0	0	0
0.3914	0	0	0	0	0	0
0.38542	0	0	0	0	0	0
0.36768	0	0	0	0	0	0
0.01773	0	0	0	0	0	0
0.01773	0	0	0	0	0	0
0.00599	0	0	0	0	0	0
0.00599	0	0	0	0	0	0
0.00599	0	0	0	0	0	0

0	0	0	6.3387	0	0	0
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13.21884	95.19851	2.68978	57.34203	99.77199	5.10645	29.03534
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13.06729	95.19851	0	57.34203	99.77199	5.04466	28.91813
13.06729	95.19851	0	57.34203	99.77199	5.04466	28.91813
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5.5824	2.05445	0	0.03622	88.2564	0	0
4.76367	0	0	0	88.2564	0	0
4.76367	0	0	0	88.2564	0	0
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0.81873	2.05445	0	0.03622	0	0	0
0.81873	2.05445	0	0.03622	0	0	0
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7.24056	0.11087	0	0.00935	11.51464	4.67003	25.65361
4.68964	0	0	0	0	4.67003	19.70667
4.68964	0	0	0	0	4.67003	19.70667
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2.55092	0.11087	0	0	11.51464	0	5.94694
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0.24433	93.03319	0	57.29646	0.00095	0.26878	2.56875
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0.04819	93.03319	0	0	0	0.01526	1.79312
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0.10847	0	0	57.29646	0	0.251	0.05414
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CHIQLC	CHIQSC	CHIYYC	CHJ3FC	CHJ49C	CHJ6FC	CHJSBC
100	100	99.93513	100	99.99536	100	100
0.02356	4.36794	0.00474	5.02281	0.40655	20.99174	11.28534
0.02356	4.36794	0.00474	5.02281	0.40655	20.99174	11.28534
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0.02356	4.31903	0.00474	5.01683	0.32229	20.90758	11.28335

0.02356	4.31903	0.00474	5.01683	0.32229	20.90758	11.28335
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0.02356	4.31903	0.00474	5.01683	0.32229	20.90758	11.28335
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0.02356	0	0.00474	0.00793	0.16946	20.90758	11.28335
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47.42234	66.44502	36.04652	86.99625	7.02737	42.80661	6.70649
6.42312	8.36838	12.02804	36.49788	0.88623	11.29782	1.05383
3.61045	0.52942	5.22975	0.35218	0.00212	0.08113	0.23179
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0.00028	0.0018	0.08209	0	0	0.0064	0.00194
0.00028	0.0018	0.08209	0	0	0.0064	0.00194
0.00028	0.00168	0.07909	0	0	0.00327	0.00194
0.00028	0.00168	0.07909	0	0	0.00327	0.00194
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3.61017	0.52762	5.14766	0.35218	0.00212	0.07473	0.22985
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3.61017	0.52762	5.14766	0.35218	0.00212	0.07473	0.22985
0.81465	0	0.01552	0	0	0	0.04174
0.81465	0	0.01552	0	0	0	0.04174
2.7888	0.52762	4.54804	0.34404	0.00212	0.07473	0.15546
2.7888	0.52762	4.54804	0.34404	0.00212	0.07473	0.15546
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2.81267	7.83897	6.78149	0.70636	0	11.21669	0.29458
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2.81267	7.83897	6.78149	0.70636	0	11.21669	0.29458
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0	0.00722	0.00917	0	0	0.01351	0.0369
0	4.00833	1.64744	0.00757	0	0.53521	0.00027
0	4.00833	1.64744	0.00757	0	0.53521	0.00027
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2.81104	3.81505	1.64536	0.56469	0	0	0.25741
2.81104	3.81505	1.64536	0.56469	0	0	0.25741
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0.00163	0	3.47953	0.1341	0	10.65785	0
0.00163	0	3.47953	0.1341	0	10.65785	0
4.57274	0	1.50759	23.57791	5.92532	5.33193	4.90024
4.57274	0	1.50759	23.57791	5.92532	5.33193	4.90024
3.18014	0	1.31069	3.19488	5.89351	0.0026	4.90024
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3.18014	0	1.31069	3.19488	5.89351	0.0026	4.90024
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0	0	1.31069	2.86812	5.8885	0.0026	4.90024
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3.18014	0	0	0.32676	0	0	0
3.18014	0	0	0.32676	0	0	0
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1.3926	0	0.1969	0.93912	0	5.32933	0
1.3926	0	0.1969	0.93912	0	5.32933	0
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1.3926	0	0.1969	0	0	0	0
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36.42648	58.07664	22.50909	26.92046	0.21582	2.59803	0.75242
36.42648	58.07664	22.50909	26.92046	0.21582	2.59803	0.75242
0	0	0	0	0.19921	0	0
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0	0	0	0	0.03931	0	0
36.42648	58.07664	22.50909	26.92046	0.0166	2.59803	0.75242
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36.42648	58.07664	22.50909	26.92046	0.0166	2.59803	0.75242
0.17618	57.39256	0.00097	5.51446	0	0.08063	0.20141
0.17618	57.39256	0.00097	5.51446	0	0.08063	0.20141
0.00073	0	0.36175	0.68961	0	0.10506	0.02844
0.00073	0	0.36175	0.68961	0	0.10506	0.02844
17.64315	0	0.33049	0.55368	0.0166	0.60926	0.20259
1.03545	0	0	0	0	0	0
16.60769	0	0.33049	0.55368	0.0166	0.60926	0.20259
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11.4996	0.68408	21.81588	0	0	0	0
11.4996	0.68408	21.81588	0	0	0	0
7.10683	0	0	20.15176	0	1.80308	0.31998
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52.5541	29.18703	63.88387	7.97704	91.47053	36.20165	34.9938
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52.5541	29.18703	63.87542	7.97704	91.26556	36.20165	34.9938
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52.1735	29.02762	60.9272	7.97704	91.25905	19.91512	34.98081
52.1735	29.02762	60.9272	7.97704	91.25905	19.91512	34.98081
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46.07206	18.80718	57.91975	0.48855	81.04615	0	33.24626
46.07206	0	0	0	80.85576	0	0
46.07206	0	0	0	80.85576	0	0
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0	18.80718	57.91975	0.48855	0.19039	0	33.24626
0	18.80718	57.91975	0.48855	0.19039	0	33.24626
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6.10144	1.19863	2.99104	0.32943	10.20884	0	1.68406
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0	0	0	0	0	0	0
6.10144	1.19863	2.99104	0.32943	10.11917	0	1.68406
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0	4.47226	0.01641	0.00275	0.00406	19.73229	0.05049
0	1.05463	0	0	0	18.36526	0.00397
0	1.05463	0	0	0	18.36526	0.00397
0	0.45961	0.0137	0	0.00406	0	0.01432
0	0.45961	0.0137	0	0.00406	0	0.01432
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0.38059	0.15942	2.94822	0	0.00651	16.28653	0.01299
0.38059	0.15942	2.94822	0	0.00651	16.28653	0.01299
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0.38059	0.15942	2.94822	0	0.00651	16.28653	0.01299
0.06798	0	0.07978	0	0	0	0
0.06798	0	0.07978	0	0	0	0
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0.20732	0.15942	2.86844	0	0.00651	16.28653	0.01299
0.20732	0.15942	2.86844	0	0.00651	16.28653	0.01299
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0	0	0.06487	0	0.00464	0	0
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0	0	0.06487	0	0	0	0

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0	0	0.06487	0	0	0	0
0	0	0.06487	0	0	0	0
0	0	0	0	0	0	0

CHJUSC	CHKB3C	CHKD3C	CHKFZC	CHKH3C	CHKM9C	CHKMHC
100	99.73251	100	99.32847	100	99.99874	99.9924
0.00269	2.34984	46.35465	42.24789	0.00147	0.02462	0.21776
0.00269	2.34984	46.35465	42.24789	0.00147	0.02462	0.21776
0.00269	0.00695	0.20072	0.00831	0.00147	0.02462	0.01712
0	0	0	0.00403	0	0	0.00014
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00403	0	0	0.00014
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0	0	0	0.00403	0	0	0
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0	0	0	0.00045	0	0	0
0	0	0	0.00045	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00269	0.00695	0.20072	0.00383	0.00147	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00269	0.00695	0.20072	0.00383	0.00147	0	0
0.00269	0.00695	0.13668	0.00383	0.00147	0	0
0.00269	0.00695	0.13668	0.00383	0.00147	0	0
0	0	0.06404	0	0	0	0
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0	0	0	0	0	0.02462	0.01698
0	0	0	0	0	0.02105	0.01022
0	0	0	0	0	0.00358	0.00676
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	2.1141	46.15393	39.53622	0	0	0.20065

0	2.1141	46.15393	39.53622	0	0	0.20065
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	2.1141	46.15393	39.53622	0	0	0.20065
0	0.80568	0	0.56833	0	0	0
0	0.80568	0	0.56833	0	0	0
0	0.71406	0	0	0	0	0
0	0.71406	0	0	0	0	0
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0	0.39784	0.141	15.62255	0	0	0
0	0.39784	0.141	15.62255	0	0	0
0	0.01094	4.14575	8.67595	0	0	0
0	0.01094	4.14575	8.67595	0	0	0
0	0.10264	0	6.51731	0	0	0
0	0.10264	0	6.51731	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.08295	41.86719	8.13416	0	0	0.20065
0	0.08295	41.86719	8.13416	0	0	0.20065
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0	0	0	0.01791	0	0	0
0	0	0	0.01791	0	0	0
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0	0.22879	0	2.70337	0	0	0
0	0.22879	0	2.70337	0	0	0
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0	0	0	0	0	0	0
0	0.22879	0	2.69618	0	0	0
0	0.22879	0	2.69618	0	0	0
0	0.22879	0	2.69618	0	0	0
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0	34.28989	1.08176	16.29886	0	0.01165	79.09158
0	34.28989	1.08176	16.29886	0	0.01165	79.09158
0	34.28989	1.08176	16.29886	0	0.01165	79.09158
0	31.58706	1.08176	16.27208	0	0.01165	74.74041
0	31.58706	1.08176	16.27208	0	0.01165	74.74041

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0	18.85008	0	0	0	0	0
0	18.85008	0	0	0	0	0
0	12.25715	0	6.76758	0	0	0
0	12.25715	0	6.76758	0	0	0
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0	0.00062	0	5.11911	0	0	0
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0	0.11634	0	0	0	0	0
0	0.00083	1.08176	4.36001	0	0.01165	0
0	0.00083	1.08176	4.36001	0	0.01165	0
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0	0.35479	0	0.02537	0	0	74.35554
0	0.35479	0	0.02537	0	0	74.35554
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0	0	0	0	0	0	0
0	2.63574	0	0.02678	0	0	4.35117
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0	2.63574	0	0.02678	0	0	4.35117
0	0.00233	0	0.00715	0	0	2.42647
0	0.00233	0	0.00715	0	0	2.42647
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0	0.09393	0	0	0	0	1.9247
0	0.09393	0	0	0	0	1.9247
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0	2.53947	0	0.01963	0	0	0
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0	0.06634	0	0	0	0	0
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1.4724	3.88901	50.88589	10.75442	29.49548	81.56775	3.66813
1.4724	1.50205	43.17738	0.31705	7.73665	55.02764	3.66754
0.81408	0.80256	2.97526	0.00109	0.80976	0.23611	0.00189
0	0	0	0	0	0	0
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0.03746	0	0.00545	0.00063	0.03963	0.21622	0
0.03746	0	0.00545	0.00063	0.03963	0.21622	0
0.03746	0	0.00545	0	0.03963	0.21622	0
0.03746	0	0.00545	0	0.03963	0.21622	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00063	0	0	0
0.77662	0.80256	2.96981	0.00046	0.77014	0.01989	0.00189
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.77662	0.80256	2.96981	0.00046	0.77014	0.01989	0.00189
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.55933	0.78289	2.92254	0	0.77014	0.01406	0.00189
0.55933	0.78289	2.92254	0	0.77014	0.01406	0.00189
0.00167	0	0.01787	0.00017	0	0	0
0.00167	0	0.01787	0.00017	0	0	0
0.21562	0.01967	0	0	0	0	0
0.21562	0.01967	0	0	0	0	0
0	0	0.0294	0	0	0.00584	0
0	0	0.0294	0	0	0.00584	0

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0	0	0	0.00029	0	0	0
0.65832	0.69949	40.20211	0.31595	6.92689	54.79153	3.66565
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0	0	0	0	0	0	0
0	0	0	0.00214	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0.00214	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00214	0	0	0
0.00776	0	39.8511	0.06793	0.80466	0	3.3595
0.00776	0	39.8511	0.06793	0.80466	0	3.3595
0	0	0	0.06793	0	0	0
0	0	0	0.06793	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00776	0	39.8511	0	0.80466	0	3.3595
0.00776	0	39.8511	0	0.80466	0	3.3595
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0	0.13596	0.00944	0	0	0	0.29622
0	0.13596	0.00944	0	0	0	0.29622
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0	0	0.0003	0	0	0	0.29622
0	0	0.0003	0	0	0	0.29622
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0.65056	0.56353	0.34157	0.24589	6.12223	54.79153	0.00992
0	0.04071	0	0.12481	0	0	0
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0	0.04071	0	0.12481	0	0	0
0	0.04071	0	0.12481	0	0	0
0.65056	0.52282	0.34157	0.12108	6.12223	54.79153	0.00992
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0	0	0	0	0	0	0
0.02263	0	0.01653	0.01786	0.10782	0.30987	0
0.02263	0	0.01653	0.01786	0.10782	0.30987	0
0.09683	0.02645	0.28807	0.01342	0.00707	32.45018	0
0.09683	0.02645	0.28807	0.01342	0.00707	32.45018	0
0	0	0	0	0	0	0

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0.52131	0.32127	0.03698	0.04234	5.99776	20.66741	0
0.52131	0.32127	0.03698	0.04234	5.99776	20.66741	0
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0	0.04386	0	0.03793	0	0	0
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0.00747	0	0	0	0.0012	0	0
0.00747	0	0	0	0.0012	0	0
0	0.13124	0	0.00884	0.00838	0.11546	0
0	0.13124	0	0.00884	0.00838	0.11546	0
0	0.15299	7.70852	9.81277	0.00614	19.09339	0
0	0.15299	7.70852	9.81277	0.00614	19.09339	0
0	0.01461	7.70852	0.09194	0	19.09339	0
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0	0.00323	0	5.22192	0	0	0
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0	0.14552	0	0.01444	0	0	0
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0	0.0812	0	0.00028	0	0	0
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0	0	0	0	0	0	0
0	1.18329	0	0.32296	21.75268	7.44672	0.00059
0	1.18329	0	0.32296	21.75268	7.44672	0.00059
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1.18329	0	0.32296	21.75268	7.44672	0.00059
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0	0	0	0	0	0	0
0	1.18329	0	0.31802	21.75268	7.44672	0.00059
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0	0.02479	0	0.08025	2.26075	0	0
0	0.02479	0	0.08025	2.26075	0	0
0	0.02304	0	0.04296	2.45935	0.01485	0
0	0	0	0	0	0	0
0	0.02304	0	0.04296	2.45935	0.01485	0
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0	0.98088	0	0	0	0	0
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0	0.09987	0	0	4.3161	7.43187	0
0	0.09987	0	0	4.3161	7.43187	0
0	0	0	0.14644	12.71647	0	0.00059
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98.52491	59.20378	1.6777	29.7555	70.50305	18.39472	17.01493
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0	0.00652	0	5.58	0	0	0
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0	0.00652	0	5.58	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
98.52491	59.19726	1.6777	23.93765	70.50305	18.39472	17.01493
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
98.52491	59.19726	1.61139	23.679	70.11645	0.01197	17.01493
98.52491	59.19726	1.61139	23.679	70.11645	0.01197	17.01493
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0	0.00343	0	0	0	0	0
0	0.00343	0	0	0	0	0
0	0	0	0.00241	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.04337	0	1.07848	0	0	0.12683
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.04337	0	1.07848	0	0	0.12683
0	0.04337	0	1.07848	0	0	0
0	0	0	0	0	0	0.12683
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
98.52491	4.31319	1.61139	5.99332	0.01339	0.01197	16.82565
78.39913	2.52062	1.1981	4.07443	0	0.00859	12.21027
78.39913	2.52062	1.1981	4.07443	0	0.00859	12.21027
0	0	0	0	0	0	0
0	0	0	0	0	0	0
20.12578	1.79257	0.41329	1.91889	0.01339	0.00338	4.61538
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	54.83727	0	16.60242	70.10306	0	0.06245
0	0.00118	0	0.00965	0	0	0
0	0.00118	0	0.00965	0	0	0
0	46.64001	0	12.77749	52.86653	0	0.01834
0	46.64001	0	12.77749	52.86653	0	0.01834
0	0	0	3.81528	0	0	0
0	0	0	3.81528	0	0	0
0	8.19607	0	0	17.23653	0	0.04411
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0	0	0	0	0	0	0
0	0	0.06258	0.25304	0.38491	18.38275	0
0	0	0.06258	0.25304	0.38491	18.38275	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.06258	0.25304	0.38491	18.38275	0
0	0	0	0	0.0519	0.00396	0
0	0	0	0	0.0519	0.00396	0
0	0	0	0	0.14028	0.00167	0
0	0	0	0	0.14028	0.00167	0
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0	0	0	0	0	0	0
0	0	0.06258	0.25304	0.19274	18.37712	0
0	0	0.06258	0.25304	0.19274	18.37712	0
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0	0	0	0	0	0	0
0	0	0.00373	0.00561	0.00169	0	0
0	0	0	0.00561	0.00169	0	0
0	0	0	0.00561	0.00169	0	0
0	0	0	0.00223	0	0	0
0	0	0	0.00223	0	0	0
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0	0.26749	0	0.65852	0	0	0.0076
0	0.26749	0	0.65852	0	0	0.0076
0	0.26749	0	0.65852	0	0	0.0076

0	0.26749	0	0.65852	0	0	0
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0	0.26749	0	0.65852	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

CHKNNC	CHKPQC	CHKXQC	CHL2KC	CHL2QC	CHL67C	CHLGAC
99.93978	99.97701	99.99406	99.97333	100	100	100
4.05627	61.60862	0	0.19624	10.52841	0	0.05968
4.05627	61.60862	0	0.19624	10.52841	0	0.05968
0	0.05708	0	0.01553	0.03135	0	0
0	0.00408	0	0.00922	0.00309	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00922	0.00309	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00057	0	0
0	0	0	0	0.00057	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00922	0.00251	0	0
0	0	0	0.00922	0.00251	0	0
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0	0.00408	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01584	0	0.00097	0	0	0
0	0.01584	0	0.00097	0	0	0
0	0	0	0.0005	0	0	0
0	0	0	0.0005	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00531	0	0	0	0	0

0	0.00531	0	0	0	0	0
0	0	0	0.00047	0	0	0
0	0	0	0.00047	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.01054	0	0	0	0	0
0	0.01054	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	7.00E-05	0	0.00534	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	7.00E-05	0	0.00534	0	0	0
0	7.00E-05	0	0.00534	0	0	0
0	7.00E-05	0	0.00534	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.02826	0	0
0	0	0	0	0.02826	0	0
0	0	0	0	0.02826	0	0
0	0	0	0	0.02826	0	0
0	0.0371	0	0	0	0	0
0	0.0002	0	0	0	0	0
0	0.0369	0	0	0	0	0
0	0.0369	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
3.10048	59.72361	0	0.02153	10.29151	0	0

3.10048	59.72361	0	0.02153	10.29151	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
3.10048	59.72361	0	0.02153	10.29151	0	0
1.50539	0	0	0	0	0	0
1.50539	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.05312	0	0	0	0.06977	0	0
0.05312	0	0	0	0.06977	0	0
0	5.75793	0	0	1.25005	0	0
0	5.75793	0	0	1.25005	0	0
0	0.95639	0	0	1.19784	0	0
0	0.95639	0	0	1.19784	0	0
0	0.08558	0	0	0	0	0
0	0.08558	0	0	0	0	0
0	0	0	0.02153	1.27672	0	0
0	0	0	0.02153	1.27672	0	0
1.54197	52.62483	0	0	6.49713	0	0
1.54197	52.62483	0	0	6.49713	0	0
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0	0.29888	0	0	0	0	0
0	0.29888	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.95579	1.82793	0	0.15919	0.20556	0	0.05968
0.95579	1.82793	0	0.15919	0.20556	0	0.05968
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.90921	1.3964	0	0	0	0	0
0.90921	1.30305	0	0	0	0	0
0.90921	1.30305	0	0	0	0	0
0	0.08158	0	0	0	0	0
0	0.08158	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.01176	0	0	0	0	0
0	0.01176	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03373	0.40671	0	0.15919	0.20556	0	0.05968
0.0086	0.00544	0	0	0.02419	0	0
0.0086	0.00544	0	0	0.02419	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02514	0.40127	0	0.15919	0.18137	0	0.05968
0.01284	0.02483	0	0	0	0	0
0.01284	0.02483	0	0	0	0	0
0.01284	0.02483	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
40.40353	23.72189	0	39.2673	49.74046	50.7873	44.09047
40.40353	23.72189	0	39.2673	49.74046	50.7873	44.09047
40.40353	23.72189	0	39.2673	49.74046	50.7873	44.09047
18.32465	12.63607	0	33.53566	49.74046	48.33143	20.33383
18.32465	12.63607	0	33.53566	49.74046	48.33143	20.33383

0	3.58092	0	0	0	0	0
0	3.58092	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.02201
0	0	0	0	0	0	0.02201
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.02342	0	2.65302	0	0	0
0	0.02342	0	2.65302	0	0	0
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0	0	0	0	0	0	0
0	0.00487	0	0	0	0	0
0	0.00487	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.72679	0	0	26.22101	49.74046	38.494	0
1.72679	0	0	26.22101	49.74046	38.494	0
0	0	0	0	0	0.17178	0
0	0	0	0	0	0.17178	0
0	8.38082	0	0	0	0	0
0	8.38082	0	0	0	0	0
0	0	0	0.00305	0	0	0
0	0	0	0.00305	0	0	0
8.03517	0.09273	0	0.48495	0	0	0.66252
8.03517	0.09273	0	0.48495	0	0	0.66252
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.0136	0	0	0	0	0
0	0.0136	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00814	0	3.87323	0	0	0
0	0.00814	0	3.87323	0	0	0
0.72744	0.44168	0	0.3004	0	0	0
0.72744	0.44168	0	0.3004	0	0	0
0	0	0	0	0	9.66565	0

0	0	0	0	0	9.66565	0
0	0	0	0	0	0	0
7.83526	0.0899	0	0	0	0	19.6493
7.83526	0.0899	0	0	0	0	19.6493
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
17.10981	1.95297	0	5.72468	0	2.01173	23.75664
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0	0	0	0	0	0	0
0	0.23463	0	0	0	0	0
0	0.23463	0	0	0	0	0
0	0.23463	0	0	0	0	0
0	0	0	0	0	0	0
17.10981	1.71834	0	5.72468	0	2.01173	23.75664
0	0.7145	0	3.75182	0	0	7.9568
0	0.7145	0	3.75182	0	0	7.9568
0	0.00928	0	0.0089	0	0	0
0	0.00928	0	0.0089	0	0	0
0	0	0	0.39037	0	0	0
0	0	0	0.39037	0	0	0
2.93607	0.09175	0	0	0	0.16749	0
2.93607	0.09175	0	0	0	0.16749	0
14.17374	0	0	0	0	0	0
14.17374	0	0	0	0	0	0
0	0.90281	0	1.57358	0	1.84424	15.79985
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4.96906	9.13285	0	0.00696	0	0.44414	0
4.96906	9.13285	0	0.00696	0	0.44414	0
0	0	0	0	0	0.17803	0
0	0	0	0	0	0.17803	0
0	0.05731	0	0	0	0	0
0	0.05731	0	0	0	0	0
4.96906	8.24994	0	0.00696	0	0.26611	0
4.96906	8.24994	0	0.00696	0	0.26611	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
54.29318	2.26925	4.65961	5.44922	28.90885	3.18769	0.58146
0.42517	0.07611	4.65961	1.44817	0.44001	0.60811	0.58146
0	0.00738	0	0.04585	0	0	0.58146
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.00738	0	0.04585	0	0	0.58146
0	0	0	0.04338	0	0	0
0	0	0	0.04338	0	0	0
0	0.00563	0	0.00247	0	0	0.58146
0	0.00563	0	0.00247	0	0	0.58146
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0	0	0	0	0	0	0

0	0.00174	0	0	0	0	0
0	0.00174	0	0	0	0	0
0.42517	0.06873	4.65961	1.40233	0.44001	0.60811	0
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0.00682	0	0	0	0.00337	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00682	0	0	0	0.00337	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.00682	0	0	0	0.00337	0	0
0	0.01224	4.51806	0	0.42156	0.59913	0
0	0.01224	4.51806	0	0.42156	0.59913	0
0	0.01224	0	0	0	0	0
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0	0	4.51806	0	0.39983	0.59913	0
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0	0	0.1116	0	0.0137	0	0
0	0	0.1116	0	0.0137	0	0
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0	0.01702	0	0	0	0	0
0	0.01702	0	0	0	0	0
0.41835	0.03947	0.02996	1.40233	0.00137	0.00898	0
0	0.00643	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00643	0	0	0	0	0
0	0.00643	0	0	0	0	0
0.41835	0.03305	0.02996	1.40233	0.00137	0.00898	0
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0	0	0	0	0.00137	0	0
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0.0012	0.02087	0.00109	0.03117	0	0	0
0.0012	0.02087	0.00109	0.03117	0	0	0
0.01877	0.011	0.02887	0.32542	0	0	0
0.01877	0.011	0.02887	0.32542	0	0	0
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0.00125	0	0	0	0	0	0
0.00125	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.09491	0	0	0	0	0.00898	0
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0	0	0	0	0	0	0
0.30222	0.00118	0	0	0	0	0
0.30222	0.00118	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	1.04574	0	0	0
0	0	0	1.04574	0	0	0
53.14154	1.15383	0	4.00104	20.29299	0.11139	0
53.14154	1.15383	0	4.00104	20.29299	0.11139	0
3.31316	0.94556	0	0	5.90218	0	0
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0	0	0	0	0	0	0
3.31316	0.94556	0	0	5.90218	0	0
0.06915	0	0	0	0	0	0
0.06915	0	0	0	0	0	0
1.3013	0	0	0	5.90218	0	0
0	0	0	0	5.90218	0	0
1.3013	0	0	0	0	0	0
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0.01116	0	0	0	0	0	0
0.01116	0	0	0	0	0	0
0.05571	0.47248	0	0	0	0	0
0.05571	0.47248	0	0	0	0	0
0.02349	0.02464	0	0	0	0	0
0.02349	0.02464	0	0	0	0	0

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0	0	0	0	0	0	0
0.09179	0.02716	0	0	0	0	0
0.09179	0.02716	0	0	0	0	0
1.70433	0.03605	0	0	0	0	0
1.70433	0.03605	0	0	0	0	0
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0.05554	0.38523	0	0	0	0	0
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0	0.00189	0	0	0	0	0

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0.12663	0.08176	0	0	0.27886	0	0
0.00593	0.08127	0	0	0	0	0
0.00593	0.08127	0	0	0	0	0
0.00593	0.08127	0	0	0	0	0
0.1207	0.00049	0	0	0.27886	0	0
0.1207	0.00049	0	0	0.27886	0	0
0.1207	0.00049	0	0	0.27886	0	0
5.50225	0	0	0.03717	0.03448	0	0
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5.50225	0	0	0.03717	0.03448	0	0
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0	0	0	0	0	0	0
0.03467	0	0	0.03717	0.03448	0	0
0.03467	0	0	0.03717	0.03448	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.75547	0	0	0	0	0	0
2.75547	0	0	0	0	0	0
2.5147	0	0	0	0	0	0
2.5147	0	0	0	0	0	0
0.19742	0	0	0	0	0	0
0.19742	0	0	0	0	0	0
2.35555	0.02153	0	3.96388	4.96579	0	0
0.22775	0.00344	0	0	0	0	0
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0.22775	0	0	0	0	0	0
0.22775	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0.00344	0	0	0	0	0
1.33839	0.01684	0	3.96388	3.95501	0	0
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0.00214	0.00838	0	0	0	0	0
0.00214	0.00838	0	0	0	0	0
0.55874	0.00454	0	3.8778	2.94554	0	0
0.55874	0.00454	0	3.8778	2.94554	0	0
0	0.00076	0	0	0	0	0
0	0.00076	0	0	0	0	0
0.77751	0.00316	0	0.08608	1.00947	0	0
0.77751	0.00316	0	0.08608	1.00947	0	0
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0	0	0	0	0	0	0
0.76097	0.00125	0	0	0.37059	0	0
0.32016	0	0	0	0	0	0
0.32016	0	0	0	0	0	0
0.03408	0	0	0	0	0	0
0.03408	0	0	0	0	0	0
0.00486	0	0	0	0	0	0
0.00486	0	0	0	0	0	0
0.10452	0	0	0	0.36493	0	0
0.10452	0	0	0	0.36493	0	0
0.08035	0	0	0	0	0	0
0.08035	0	0	0	0	0	0
0	0.00125	0	0	0	0	0
0	0.00125	0	0	0	0	0
0	0	0	0	0	0	0
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0.00516	0	0	0	0	0	0
0.00516	0	0	0	0	0	0
0.09401	0	0	0	0	0	0
0.09401	0	0	0	0	0	0
0	0	0	0	0	0	0

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0.10025	0	0	0	0	0	0
0.10025	0	0	0	0	0	0
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0.01759	0	0	0	0	0	0
0.01759	0	0	0	0	0	0
0	0	0	0	0.00566	0	0
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0.02844	0	0	0	0.64019	0	0
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0	0	0	0	0.64019	0	0
0	0	0	0	0.64019	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02844	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.56808	0	0	0	0	0	0
2.56808	0	0	0	0	0	0
2.56808	0	0	0	0	0	0
0.41904	0.03288	0	0	0.30778	0.11139	0
0.41904	0.03288	0	0	0.30778	0.11139	0
0.41904	0.03288	0	0	0.30778	0	0
0.41904	0.03288	0	0	0.30778	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.11139	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
38.85683	0.07021	0	0	8.8039	0	0
0.03532	0.00595	0	0	0.46319	0	0
0.03532	0.00507	0	0	0.46319	0	0
0.03532	0.00507	0	0	0.46319	0	0
0	0.00087	0	0	0	0	0
18.96392	0	0	0	0	0	0
18.96392	0	0	0	0	0	0
18.96392	0	0	0	0	0	0
0.40235	0	0	0	0	0	0
0.40235	0	0	0	0	0	0
0.40235	0	0	0	0	0	0
1.33234	0	0	0	8.34071	0	0
0.8702	0	0	0	0	0	0
0.8702	0	0	0	0	0	0
0.46214	0	0	0	8.34071	0	0
0.46214	0	0	0	8.34071	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
18.1229	0.06426	0	0	0	0	0
0.42482	0	0	0	0	0	0
0.42482	0	0	0	0	0	0
17.69808	0.06426	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.18472	0.87889	0	0	1.26189	0	0
0.18472	0.87889	0	0	1.26189	0	0
0.18472	0.87889	0	0	1.26189	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0.0225	0.03489	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0225	0.03489	0	0	0	0	0
0.04715	0.844	0	0	1.25932	0	0
0.00395	9.00E-05	0	0	0.06713	0	0

0.00395	9.00E-05	0	0	0.06713	0	0
0.00256	0.00511	0	0	0	0	0
0.00256	0.00511	0	0	0	0	0
0	0.8388	0	0	0	0	0
0	0.8388	0	0	0	0	0
0.00878	0	0	0	1.0396	0	0
0.00878	0	0	0	1.0396	0	0
0.01753	0	0	0	0	0	0
0.01753	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00353	0	0	0	0.15259	0	0
0.00353	0	0	0	0.15259	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01079	0	0	0	0	0	0
0.01079	0	0	0	0	0	0
0.11507	0	0	0	0	0	0
0.11507	0	0	0	0	0	0
0.11507	0	0	0	0	0	0
0	0	0	0	0.00257	0	0
0	0	0	0	0.00257	0	0
0	0	0	0	0.00257	0	0
0.54175	0.16042	0	0	6.91395	2.46819	0
0.54175	0.16042	0	0	6.91395	2.46819	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.54175	0.16042	0	0	6.91395	2.46819	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.15585	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.05828	0	0	0	0	0

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0	0	0	0	0	0	0
0	0.09757	0	0	0	0	0
0	0	0	0	0.02562	2.37979	0
0	0	0	0	0.02562	0	0
0	0	0	0	0.02562	0	0
0	0	0	0	0	2.37979	0
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0	0	0	0	0	0	0
0.54175	0.00458	0	0	6.88833	0.0884	0
0.00885	0	0	0	0.01304	0.0032	0
0.00885	0	0	0	0.01304	0.0032	0
0.04435	0	0	0	0.00284	0	0
0.04435	0	0	0	0.00284	0	0
0.26374	0.00059	0	0	2.76851	0.0291	0
0	0	0	0	0	0	0
0.26374	0.00059	0	0	2.76851	0.0291	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.22481	0.00398	0	0	4.10395	0.0561	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
1.18681	12.37725	95.33445	55.06057	10.82228	46.02501	55.26839
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0	0	0	0	0	0	0
0.6172	0.01381	0	0.00146	0	0.00583	0
0.6172	0.00808	0	0	0	0.00583	0
0.37219	0	0	0	0	0	0
0.37219	0	0	0	0	0	0
0.37219	0	0	0	0	0	0
0.37219	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0.245	0.00808	0	0	0	0.00583	0
0.245	0	0	0	0	0	0
0.245	0	0	0	0	0	0
0.245	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00808	0	0	0	0.00583	0
0	0.00573	0	0.00146	0	0	0
0	0.00573	0	0.00146	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00573	0	0.00146	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00209	0	0	0	0	0
0	0.00209	0	0	0	0	0
0	0	0	0	0	0	0
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0	0.00364	0	0.00146	0	0	0
0	0.25577	0	0.55502	0	0.36089	0
0	0.25577	0	0.55502	0	0.36089	0
0	0.25577	0	0.55502	0	0.36089	0
0	0.25577	0	0.55502	0	0.36089	0
0	0.22347	0	0.51884	0	0.35457	0
0	0.0323	0	0.03619	0	0.00632	0
0	0.0323	0	0.03619	0	0.00632	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.56961	12.10767	95.33445	54.50409	10.82228	45.65829	55.26839
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.26946	9.93428	95.33445	54.50409	10.78275	45.65829	55.26839
0.26946	9.93428	95.33445	54.50409	10.78275	45.65829	55.26839
0	0	0	0.10347	0	0	0
0	0	0	0.04047	0	0	0
0	0	0	0.04047	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.063	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.8137	0	0	7.12964	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.8137	0	0	7.12964	0	0
0	0.8137	0	0	7.12964	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.26946	6.06922	0.00614	0.01872	3.02542	44.98025	55.26839
0.26054	4.26162	0.00614	0	1.95243	35.17519	34.95736
0.26054	4.26162	0.00614	0	1.95243	35.17519	34.95736
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00892	1.8076	0	0.01872	1.07299	9.80506	20.31103
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.74515	95.3283	54.30853	0.01953	0	0
0	0.17174	92.10416	6.75559	0	0	0
0	0.17174	92.10416	6.75559	0	0	0
0	0.45233	0	47.55293	0	0	0
0	0.45233	0	47.55293	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.12107	3.22414	0	0.01953	0	0
0	0	0	0	0	0	0
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0	0	0	0	0.00538	0	0
0	0	0	0	0.04303	0	0
0	0	0	0	0.04303	0	0
0	0	0	0	0.0606	0	0
0	0	0	0.07337	0.38791	0	0
0	0	0	0.07337	0.38791	0	0

0	0	0	0.07337	0.38791	0	0
0	2.30622	0	0	0	0	0
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0	2.30622	0	0	0	0	0
0	0	0	0	0	0	0
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0.29357	0.14998	0	0	0	0	0
0.29357	0.14998	0	0	0	0	0
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0	0.00027	0	0	0	0	0
0	0.00027	0	0	0	0	0
0.29357	0.1497	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0.29357	0.1497	0	0	0	0	0
0.29357	0.1497	0	0	0	0	0
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0.00658	2.02341	0	0	0.03953	0	0
0	2.01702	0	0	0.03953	0	0
0	2.01702	0	0	0.03953	0	0
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0	0.09269	0	0	0.03953	0	0
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0	0.00639	0	0	0	0	0
0.00658	0	0	0	0	0	0
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0	0.0061	0	0	0	0	0
0.06022	0.01689	0.00594	0.02667	0	0	0
0.06022	0.01689	0.00594	0.02667	0	0	0
0.06022	0.01689	0.00594	0.02667	0	0	0

0.06022	0.01689	0.00594	0.02667	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.06022	0.01689	0.00594	0.02667	0	0	0
0.00393	0	0.00594	0	0	0	0
0.00393	0	0.00594	0	0	0	0

0.05629	0.01689	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.05629	0	0	0	0	0	0
0.05629	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01689	0	0	0	0	0
0	0.01689	0	0	0	0	0
0	0	0	0.02667	0	0	0
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0	0	0	0.02667	0	0	0

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0	0	0	0	0	0	0

CHLQ8C	CHLQEC	CHLSTC	CHLW4C	CHLXPC	CHM1HC	CHMB5C
97.45981	100	100	99.72834	100	100	100
39.79364	93.84396	0.04148	18.93716	0.02782	38.05338	42.56812
39.79364	93.84396	0.04148	18.93716	0.02782	38.05338	42.56812
0.00373	0.11489	0.03224	5.26555	0.02782	0.02058	1.02537
0	0	0.00034	0	0	0	0.00099
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00034	0	0	0	0.00099
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00054
0	0	0	0	0	0	0.00054
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00034	0	0	0	0.00045
0	0	0.00034	0	0	0	0.00045
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0.00029	0	0	0.0198	0
0	0	0.00029	0	0	0.0198	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00029	0	0	0.0198	0
0	0	0.00029	0	0	0.0198	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.17022
0	0	0	0	0	0	0.17022
0	0	0	0	0	0	0.17022
0	0	0	0	0	0	0.17022
0.00373	0.10814	0.03161	5.26555	0.02782	0	0.00542
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00373	0.10814	0.03161	5.26555	0.02782	0	0.00542
0.00199	0.10814	0.03161	5.26555	0.02782	0	0.00542
0.00199	0.10814	0.03161	5.26555	0.02782	0	0.00542
0.00174	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.00676	0	0	0	0.00078	0.84873
0	0.00676	0	0	0	0	0
0	0	0	0	0	0.00078	0.84873
0	0	0	0	0	0.00078	0
0	0	0	0	0	0.00078	0
0	0	0	0	0	0	0.84873
0	0	0	0	0	0	0.84873
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
39.26754	93.72907	0.00924	13.6716	0	38.0328	41.54275

39.26754	93.72907	0.00924	13.6716	0	38.0328	41.54275
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
39.2628	93.72907	0.00924	13.6716	0	37.61146	41.54275
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.1693	0	1.43578	0	0	0
0	0.1693	0	1.43578	0	0	0
19.96509	86.62037	0	0.33443	0	0	0
19.96509	86.62037	0	0.33443	0	0	0
8.37277	6.9394	0	0.00672	0	0	41.13102
8.37277	6.9394	0	0.00672	0	0	41.13102
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	15.97586	0.41173
0	0	0	0	0	15.97586	0.41173
10.67802	0	0.00924	11.89468	0	21.63559	0
10.67802	0	0.00924	9.66187	0	21.63559	0
0	0	0	2.23282	0	0	0
0.24693	0	0	0	0	0	0
0.24693	0	0	0	0	0	0
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0.00474	0	0	0	0	0	0
0.00474	0	0	0	0	0	0
0.00474	0	0	0	0	0	0
0	0	0	0	0	0.42134	0
0	0	0	0	0	0	0
0	0	0	0	0	0.42134	0
0	0	0	0	0	0.42134	0
0.52237	0	0	0	0	0	0
0.52237	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.03148	0	0	0	0	0	0
0.03148	0	0	0	0	0	0
0.03148	0	0	0	0	0	0
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0.42674	0	0	0	0	0	0
0.00751	0	0	0	0	0	0
0.00751	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.41923	0	0	0	0	0	0
0.05638	0	0	0	0	0	0
0.05638	0	0	0	0	0	0
0.05638	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00778	0	0	0	0	0	0
0.00778	0	0	0	0	0	0
0.00778	0	0	0	0	0	0
0	0	0	0	0	0	0
7.46767	0.15245	47.5435	5.16989	0	0	0
7.46767	0.15245	47.5435	5.16989	0	0	0
7.46767	0.15245	47.5435	5.16989	0	0	0
1.77103	0.15166	47.5435	5.16584	0	0	0
1.77103	0.15166	47.5435	5.16584	0	0	0

0.36307	0.11511	0	0.01183	0	0	0
0.36307	0.11511	0	0.01183	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.61031	0	0.00041	4.89757	0	0	0
0.61031	0	0.00041	4.89757	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0.0582	0	0	0
0	0	0	0.0582	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01773	0	0	0.0075	0	0	0
0.01773	0	0	0.0075	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0.1568	0	0	0
0	0	0	0.1568	0	0	0
0.77992	0	0	0	0	0	0
0.77992	0	0	0	0	0	0
0	0.03656	0	0.00758	0	0	0

0	0.03656	0	0.00758	0	0	0
0	0	0	0	0	0	0
0	0	47.54309	0.02636	0	0	0
0	0	47.54309	0.02636	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00499	0.00078	0	0.00404	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00078	0	0.00404	0	0	0
0.00499	0	0	0	0	0	0
0.00372	0	0	0	0	0	0

0.00372	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00127	0	0	0	0	0	0
0.00127	0	0	0	0	0	0
0.03007	0	0	0	0	0	0
0.03007	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0178	0	0	0	0	0	0
0.0178	0	0	0	0	0	0
5.66158	0	0	0	0	0	0
5.66158	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.01559	0	0	0	0	0	0
0.01559	0	0	0	0	0	0
5.64598	0	0	0	0	0	0
5.64598	0	0	0	0	0	0
0	0	0	0	0	0	0
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32.90181	3.42346	17.69875	57.19387	0.01528	5.57147	38.21705
1.67755	3.42346	5.15728	57.17513	0.01528	0.99602	1.7861
0	0.25926	0.06724	0.39352	0.01356	0.26946	0.06917
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.04003	0	0.03189	0.01356	0	0.00459
0	0.04003	0	0.03189	0.01356	0	0.00459
0	0.04003	0	0.03099	0.01338	0	0.00459
0	0.04003	0	0.03099	0.01338	0	0.00459
0	0	0	0.0009	0	0	0
0	0	0	0.0009	0	0	0
0	0	0	0	0.00018	0	0
0	0.21923	0.06724	0.36164	0	0.26946	0.06458
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.21923	0.06724	0.36164	0	0.26946	0.06458
0	0.00033	0.00205	0	0	0	0
0	0.00033	0.00205	0	0	0	0
0	0.0266	0.06518	0.36102	0	0.00575	0.0604
0	0.0266	0.06518	0.36102	0	0.00575	0.0604
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.19181	0	0.00062	0	0.02345	0.00417
0	0.19181	0	0.00062	0	0.02345	0.00417
0	0.0005	0	0	0	0.24026	0
0	0.0005	0	0	0	0.24026	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.67755	3.1642	5.09005	56.7816	0.00172	0.72656	1.71693
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00572	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00572	0	0	0
0	0	0	0.00029	0	0	0
0	0	0	0.00029	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00543	0	0	0
1.57831	0.08904	1.62246	0.17401	0	0.09273	0
1.57831	0.08904	1.62246	0.17401	0	0.09273	0
0.02233	0	0	0	0	0	0
0.02233	0	0	0	0	0	0
0.01849	0	0	0	0	0	0
0.01849	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.53319	0.08904	1.62246	0.17401	0	0.09273	0
1.53319	0.08904	1.62246	0.17401	0	0.09273	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0043	0	0	0	0	0	0
0.0043	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0.01657	0.13322	0.02512	0	0	0.01775	1.45405
0.01657	0.13322	0.02512	0	0	0.01775	1.45405
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0	0	0.01226	0	0	0	0
0.01657	0	0	0	0	0	0.04644
0.01657	0	0	0	0	0	0.04644
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0	0	0.01286	0	0	0.01775	0.09869
0	0	0.01286	0	0	0.01775	0.09869
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0.08268	2.94194	3.44246	56.60188	0.00172	0.61607	0.26288
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0.08268	2.94194	3.44246	56.60188	0.00172	0.61607	0.26288
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0	0.1175	0	0	0	0	0
0	0.1175	0	0	0	0	0
0	0.00233	0.00217	0.10539	0.00172	0.03289	0.02966
0	0.00233	0.00217	0.10539	0.00172	0.03289	0.02966
0.05885	0.02156	0.06831	0.56334	0	0	0.04069
0.05885	0.02156	0.06831	0.56334	0	0	0.04069
0	0.49971	0	0	0	0	0

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0.00541	2.22216	3.36979	55.83397	0	0.58096	0.0503
0.00541	2.22216	3.36979	55.83397	0	0.58096	0.0503
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0.01841	0.00064	0	0.02156	0	0	0.00487
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0	0	0	0	0	0.00223	0.13318
0	0	0	0	0	0.00223	0.13318
20.12715	0	5.46402	0.01874	0	1.26354	28.97023
20.12715	0	5.46402	0.01874	0	1.26354	28.97023
4.57514	0	5.46402	0.00222	0	1.26354	24.79044
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0	0	0	0	0	0	0
4.57514	0	5.46402	0.00222	0	1.26354	24.79044
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0.51502	0	0	0	0	0	0
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0.06852	0	0	0	0	0	0
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0	0	5.46402	0.00222	0	1.26354	0.0528
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0.00019	0	0	0	0	0	0.05107
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6.49501	0	0	0.01653	0	0	2.4255
3.86273	0	0	0	0	0	2.4255
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3.86273	0	0	0	0	0	0.11525
2.5435	0	0	0.01653	0	0	0
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2.12741	0	0	0.01653	0	0	0
2.12741	0	0	0.01653	0	0	0
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0.08853	0	0	0	0	0	0
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0.00451	0	0	0	0	0	0

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0.04452	0	0	0	0	0	0
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0.00972	0	0	0	0	0	1.70322
0.00972	0	0	0	0	0	1.70322
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0.00863	0	0	0	0	0	1.70322
0.00863	0	0	0	0	0	1.70322
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7.10345	0	0	0	0	0	0
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6.71804	0	0	0	0	0	0
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6.71804	0	0	0	0	0	0
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0.99894	0	0	0	0	0	1.04748
0.99894	0	0	0	0	0	1.04748
0.99894	0	0	0	0	0	1.04748
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0.66482	0	0	0	0	0	0
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0.66482	0	0	0	0	0	0
0.33412	0	0	0	0	0	1.04748
0.01187	0	0	0	0	0	0.0786

0.01187	0	0	0	0	0	0.0786
0.16622	0	0	0	0	0	0
0.16622	0	0	0	0	0	0
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0.12392	0	0	0	0	0	0.89246
0.12392	0	0	0	0	0	0.89246
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0.03212	0	0	0	0	0	0.07641
0.03212	0	0	0	0	0	0.07641
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10.09817	0	7.07744	0	0	3.31191	6.41324
10.09817	0	7.07744	0	0	3.31191	6.41324
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10.09817	0	7.07744	0	0	3.31191	6.41324
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6.22647	0	0	0	0	0	0
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3.8717	0	7.07744	0	0	3.31191	6.41324
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0	0	0.82508	0	0	0	0.00591
0	0	0.23152	0	0	0.47289	0.33883
0	0	0.23152	0	0	0.47289	0.33883
3.43776	0	4.58495	0	0	1.59394	1.43093
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3.43776	0	4.58495	0	0	1.59394	1.43093
0.11408	0	0	0	0	0	0
0.11408	0	0	0	0	0	0
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0.31987	0	1.43588	0	0	1.24508	4.63757
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13.59797	2.58013	34.69525	18.42743	99.9569	56.37515	19.21484
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0

0.00278	0	0.01158	0	0	0	0
0.00278	0	0.01158	0	0	0	0
0.00278	0	0.01158	0	0	0	0
0.00278	0	0.01158	0	0	0	0
0	0	0.01158	0	0	0	0
0	0	0.01158	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00278	0	0	0	0	0	0
0.00278	0	0	0	0	0	0
13.59519	2.58013	34.68368	18.4131	97.98638	56.37515	19.21484
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
13.58985	2.58013	32.44539	17.89109	90.02972	56.27086	18.63842
13.58985	2.58013	32.44539	17.89109	90.02972	56.27086	18.63842
0	0	0	0.04804	0	0	0
0	0	0	0.00101	0	0	0
0	0	0	0.00101	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.04703	0	0	0
0	0.00091	0	0	0	0	0
0	0.00091	0	0	0	0	0
0	0.00091	0	0	0	0	0
0	0	0	0	0	0	0
4.72932	0	0	1.58156	86.95988	29.6586	2.81859
0	0	0	0.14412	0	0	0
0	0	0	0.14412	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
4.72932	0	0	1.43744	86.95988	29.6586	2.81859
4.72932	0	0	1.43744	86.95988	29.6586	2.81859
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
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0	0	0	0	0	0	0
8.02811	2.04512	0.00912	16.09562	3.06984	0.9593	0.1529
5.19443	1.62083	0	12.033	0	0	0
5.19443	1.62083	0	12.033	0	0	0
0	0	0	0	0	0	0.00345
0	0	0	0	0	0	0.00345
2.83368	0.4243	0.00912	4.06261	3.06984	0.9593	0.14945
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03779	0.53409	0	0.16587	0	25.65296	15.66693
0	0	0	0.0826	0	0	0
0	0	0	0.0826	0	0	0
0.01419	0.40879	0	0	0	25.65296	15.66693
0.01419	0.40879	0	0	0	25.65296	15.66693
0	0.12531	0	0	0	0	0
0	0.12531	0	0	0	0	0
0.0236	0	0	0.08327	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.79463	0	0	0	0	0	0
0.79463	0	0	0	0	0	0
0.79463	0	0	0	0	0	0
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0	0	32.43627	0	0	0	0
0	0	32.43627	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	2.23829	0.44893	7.95666	0.10429	0.57642
0	0	2.23829	0.44893	7.95666	0.10429	0.57642
0	0	0.00215	0	0.28675	0	0
0	0	0.00215	0	0.28675	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	2.23614	0.44893	7.66991	0.10429	0.57642
0	0	0.00831	0.14059	0.02777	0.00206	0
0	0	0.00831	0.14059	0.02777	0.00206	0
0	0	0.00483	0.20777	0.02804	0	0
0	0	0.00483	0.20777	0.02804	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	2.223	0.10057	6.44845	0.10223	0.57642
0	0	2.223	0.10057	6.44845	0.10223	0.57642
0	0	0	0	0.5493	0	0
0	0	0	0	0.5493	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.61635	0	0
0	0	0	0	0.61635	0	0
0.0041	0	0	0.07307	0	0	0
0.0041	0	0	0	0	0	0
0.0041	0	0	0	0	0	0
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0.0041	0	0	0	0	0	0
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3.69872	0	0	0	0	0	0
3.69872	0	0	0	0	0	0
3.69872	0	0	0	0	0	0
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3.69872	0	0	0	0	0	0
3.69872	0	0	0	0	0	0
3.69872	0	0	0	0	0	0
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0	0	0	0.27166	0	0	0
0	0	0	0.27166	0	0	0
0	0	0	0.26435	0	0	0
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2.54019	0	0	0	0	0	0
2.54019	0	0	0	0	0	0
2.54019	0	0	0	0	0	0

0.03024	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03024	0	0	0	0	0	0
0.03024	0	0	0	0	0	0
0.03024	0	0	0	0	0	0

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0	0	0	0	0	0	0
2.50995	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.50995	0	0	0	0	0	0
2.50995	0	0	0	0	0	0
2.50995	0	0	0	0	0	0
2.50995	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

CHMFJC	CHMI6C	CHMP0C	CHMSAC	CHMXHC	CHN49C	CHN68C
75.63139	100	100	100	100	100	100
37.75729	36.33348	9.47081	61.21015	61.8533	0.00925	27.47
37.75729	36.33348	9.47081	61.21015	61.8533	0.00925	27.47
0.09569	0	0	0.07192	0.01295	0.00925	0.00228
0.06435	0	0	0	0.0054	0.00925	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00434	0	0	0	0.0054	0.00925	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00434	0	0	0	0.0054	0.00915	0
0.00434	0	0	0	0.0054	0.00915	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.0001	0
0	0	0	0	0	0.0001	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.06001	0	0	0	0	0	0
0.06001	0	0	0	0	0	0
0.06001	0	0	0	0	0	0
0.02524	0	0	0	0	0	0
0.02524	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00018	0	0	0	0	0	0
0.00018	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00335	0	0	0	0	0	0
0.00335	0	0	0	0	0	0
0.0217	0	0	0	0	0	0
0.0217	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0061	0	0	0.07192	0.00755	0	0.00228
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0061	0	0	0.07192	0.00755	0	0.00228
0.00244	0	0	0.07192	0.00755	0	0.00228
0.00244	0	0	0.07192	0.00755	0	0.00228
0.00367	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
37.43016	36.33348	5.74181	61.13824	61.63747	0	27.45538

37.43016	36.33348	5.74181	61.13824	61.63747	0	27.45538
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
37.43016	36.33348	5.74181	61.13824	61.63747	0	27.45538
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
14.89898	36.33348	0	61.13824	15.03292	0	0.66645
14.89898	36.33348	0	61.13824	15.03292	0	0.66645
11.36908	0	0	0	4.47221	0	26.17488
11.36908	0	0	0	4.47221	0	26.17488
0.01525	0	0.39494	0	0	0	0.0159
0.01525	0	0.39494	0	0	0	0.0159
0	0	0	0	0	0	0.00213
0	0	0	0	0	0	0.00213
11.13929	0	5.34687	0	42.13234	0	0.59603
11.13929	0	5.34687	0	42.13234	0	0.59603
0	0	0	0	0	0	0
0.00756	0	0	0	0	0	0
0.00756	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.23144	0	3.729	0	0.20288	0	0.01234
0.23144	0	3.729	0	0.20288	0	0.01234
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0.00226	0	0	0	0.00075	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00226	0	0	0	0.00075	0	0
0.00226	0	0	0	0.00075	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	3.46449	0	0	0	0.01234
0	0	3.46449	0	0	0	0.01234
0	0	3.46449	0	0	0	0.01234
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.22919	0	0.26452	0	0.19897	0	0
0	0	0	0	0.00998	0	0
0	0	0	0	0.00998	0	0
0	0	0	0	0.08517	0	0
0	0	0	0	0.08517	0	0
0.22919	0	0.26452	0	0.10381	0	0
0	0	0	0	0.00317	0	0
0	0	0	0	0.00317	0	0
0	0	0	0	0.00317	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.1001	7.08203	74.85189	0.05981	0.01658	0.00119	0.84643
1.1001	7.08203	74.85189	0.05981	0.01658	0.00119	0.84643
1.1001	7.08203	74.85189	0.05981	0.01658	0.00119	0.84643
0	7.08203	66.63716	0.05981	0	0	0.82567
0	7.08203	66.63716	0.05981	0	0	0.82567

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0	0	0	0	0	0	0.42443
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0	0	0	0	0	0	0
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0	6.93064	0	0	0	0	0.03856
0	6.93064	0	0	0	0	0.03856
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0	0	0	0	0	0	0
0	0	0.93314	0	0	0	0.33277
0	0	0.93314	0	0	0	0.33277
0	0	0	0	0	0	0
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0	0	16.50242	0	0	0	0
0	0	16.50242	0	0	0	0
0	0.1186	0.44446	0.05981	0	0	0

0	0.1186	0.44446	0.05981	0	0	0
0	0	0	0	0	0	0
0	0.03278	48.75713	0	0	0	0.02991
0	0.03278	48.75713	0	0	0	0.02991
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0	0	0	0	0	0	0
1.09881	0	8.21473	0	0.01658	0	0.01876
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0	0	0	0	0	0	0
0.71934	0	0	0	0	0	0.01876
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0.71934	0	0	0	0	0	0
0.71934	0	0	0	0	0	0
0	0	0	0	0	0	0.01876
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0	0	0	0	0	0	0
0.179	0	8.21473	0	0	0	0
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0.179	0	8.21473	0	0	0	0
0.20048	0	0	0	0.01658	0	0
0	0	0	0	0.01647	0	0

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0.20048	0	0	0	0.00011	0	0
0.20048	0	0	0	0.00011	0	0
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0.00129	0	0	0	0	0.00119	0.002
0.00129	0	0	0	0	0.00119	0.002
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00119	0
0	0	0	0	0	0.00119	0
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0	0	0	0	0	0	0.002
0	0	0	0	0	0	0.002
0.00129	0	0	0	0	0	0
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11.26206	3.75676	0.72704	17.11628	16.58795	9.30074	46.50305
2.02671	3.75676	0.31555	17.11628	2.80377	4.08423	2.88518
0.00098	0.38904	0.00064	14.79423	0.00629	3.89893	0.04451
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0	0.00482	0	0.02311	0	0.01213	0.03083
0	0.00482	0	0.02311	0	0.01213	0.03083
0	0.00482	0	0.0225	0	0.00719	0.02811
0	0.00482	0	0.0225	0	0.00719	0.02811
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0	0	0	0	0	0	0
0	0	0	0.00061	0	0.00494	0.00272
0.00098	0.38423	0.00064	14.77113	0.00629	3.8868	0.01369
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0.00098	0.38423	0.00064	14.77113	0.00629	3.8868	0.01369
0	0	0	0	0.00629	0.88203	0.0044
0	0	0	0	0.00629	0.88203	0.0044
0.00098	0.38423	0.00064	14.47277	0	3.00478	0.00542
0.00098	0.38423	0.00064	14.47277	0	3.00478	0.00542
0	0	0	0	0	0	0
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0	0	0	0.29836	0	0	0.00386
0	0	0	0.29836	0	0	0.00386
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2.02574	3.36771	0.31491	2.32204	2.79748	0.1853	2.84067
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.00721
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0	0	0	0	0	0	0.00341
0	0	0	0	0	0	0.00341
0	0	0	0	0	0	0.0038
1.87446	0.26827	0.03037	0	2.67517	0.00492	0.91715
1.87446	0.26827	0.03037	0	2.67517	0.00492	0.91715
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.17867	0	0	0	0	0	0.00306
0.17867	0	0	0	0	0	0.00306
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1.54148	0.26827	0.03037	0	2.67517	0.00492	0.9141
1.54148	0.26827	0.03037	0	2.67517	0.00492	0.9141
0.05905	0	0	0	0	0	0
0.05905	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.15127	3.09944	0.28454	2.32204	0.1223	0.18038	1.91631
0.06509	0	0.00288	0	0	0	0.20709
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.06509	0	0.00288	0	0	0	0.20709
0.06509	0	0.00288	0	0	0	0.20709
0.08618	3.09944	0.28166	2.32204	0.1223	0.18038	1.70922
0	0	0	0	0	0	0.13191
0	0	0	0	0	0	0.13191
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01209	0	0	0	0	0	0
0.01209	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00214	0.01661
0	0	0	0	0	0.00214	0.01661
0.01037	0	0	0	0	0	0
0.01037	0	0	0	0	0	0
0.01146	0	0	0	0	0	0
0.01146	0	0	0	0	0	0
0.0004	0.00847	0.00105	0.0896	0.00052	0.02451	0.04624
0.0004	0.00847	0.00105	0.0896	0.00052	0.02451	0.04624
0.00603	0.41244	0.01481	0.57099	0.01244	0.06643	0.01719
0.00603	0.41244	0.01481	0.57099	0.01244	0.06643	0.01719
0.03487	0	0	0	0	0	0

0.03487	0	0	0	0	0	0
0	0	0	0	0.00033	0	0.00252
0	0	0	0	0.00033	0	0.00252
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	2.66314	0.26579	1.4949	0.09367	0.0873	1.4682
0	2.66314	0.26579	1.4949	0.09367	0.0873	1.4682
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01096	0	0	0	0.01535	0	0.00387
0.01096	0	0	0	0.01535	0	0.00387
0	0.00038	0	0	0	0	0
0	0.00038	0	0	0	0	0
0	0.01501	0	0.16655	0	0	0.02269
0	0.01501	0	0.16655	0	0	0.02269
5.80684	0	0.00103	0	9.34203	4.15466	6.92066
5.80684	0	0.00103	0	9.34203	4.15466	6.92066
0.07173	0	0.00103	0	6.55737	3.48875	3.6092
0	0	0	0	0	0	0
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0	0	0	0	4.38914	0	0
0	0	0	0	4.38914	0	0
0	0	0	0	4.38914	0	0
0.07173	0	0.00103	0	2.16823	3.48875	3.6092
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.1481	0	0.09983
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0	0	0	0	0	0	1.99566
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.25706	0	0.20531
0	0	0	0	0.01988	0	0.07867

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0	0	0	0	0.23718	0	0.12663
0	0	0	0	0.01133	0	0.00012
0	0	0	0	0.01133	0	0.00012
0	0	0	0	1.1288	0	0.19719
0	0	0	0	1.1288	0	0.19719
0	0	0.00103	0	0.51316	3.48875	0.00185
0	0	0.00103	0	0.51316	3.48875	0.00185
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.07173	0	0	0	0.10979	0	1.10595
0.07173	0	0	0	0.10979	0	1.10595
0	0	0	0	0	0	0
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0.0133	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.0133	0	0	0	0	0	0
0.0133	0	0	0	0	0	0
0.0133	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0.49892	0	0	0	0.32081	0.6659	0.36731
0	0	0	0	0	0.6659	0.00841
0	0	0	0	0	0.6659	0.00841
0	0	0	0	0	0.6659	0.00841
0.49892	0	0	0	0.32081	0	0.3589
0.49892	0	0	0	0.32081	0	0.3589
0.49892	0	0	0	0.32081	0	0.3589
0	0	0	0	0	0	1.19534
0	0	0	0	0	0	0
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0	0	0	0	0	0	1.19534
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0	0	0	0	0	0	1.19534
0	0	0	0	0	0	1.19534
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0.52635	0	0	0	1.16521	0	0.31061
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0.1776
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0	0	0	0	0	0	0
0.51774	0	0	0	0	0	0.0156
0.51774	0	0	0	0	0	0
0.51774	0	0	0	0	0	0
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0.00861	0	0	0	0	0	0.05329
0	0	0	0	0	0	0.00165
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0.00861	0	0	0	0	0	0.01526
0.00861	0	0	0	0	0	0.01526
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0	0	0	0	0	0	0.011
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0	0	0	0	0.38423	0	0.0314
0	0	0	0	0.38423	0	0
0	0	0	0	0.38423	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.0314
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0	0	0	0	0	0	0.1536
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0.00458	0	0	0	0.6706	0	0.44789
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0	0	0	0	0.6706	0	0.44789
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0.00403	0	0	0	0	0	0
4.69196	0	0	0	0.62804	0	0.83671
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4.53195	0	0	0	0.00131	0	0
4.53195	0	0	0	0.00131	0	0
4.53195	0	0	0	0.00131	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0.33682
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0.16001	0	0	0	0.62673	0	0.49988
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0.16001	0	0	0	0.62673	0	0.49988
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0.00614	0	0	0	2.09475	0	0.17645
0.00614	0	0	0	2.09475	0	0.17645
0.00614	0	0	0	2.09475	0	0.17645
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0	0	0	0	0.03263	0	0.10912
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0	0	0	0	0	0	0
0	0	0	0	0.03263	0	0.10912
0	0	0	0	2.06212	0	0.06733
0	0	0	0	0.12506	0	0.00036

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0	0	0	0	1.63588	0	0.02299
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0	0	0	0	0.29202	0	0.00708
0	0	0	0	0.29202	0	0.00708
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0.00614	0	0	0	0	0	0
0.00614	0	0	0	0	0	0
0.00614	0	0	0	0	0	0
3.42237	0	0.41046	0	2.3474	1.06185	36.52075
3.42237	0	0.41046	0	2.3474	1.06185	36.52075
0.04427	0	0	0	0	0	0
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0	0	0	0	0	0	0
3.3781	0	0.41046	0	2.3474	1.06185	36.52075
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1.02332	0	0	0	0.01816	0	0.00055
1.02332	0	0	0	0.01816	0	0.00055
1.02332	0	0	0	0.01816	0	0.00055
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2.35477	0	0.41046	0	2.32924	1.06185	36.52019
0.39922	0	0.079	0	0.16163	0	0.35205
0.39922	0	0.079	0	0.16163	0	0.35205
0.14269	0	0.07196	0	0.23228	0.2743	0.06595
0.14269	0	0.07196	0	0.23228	0.2743	0.06595
0.03825	0	0.189	0	0.39828	0.04678	13.01946
0	0	0	0	0	0	0
0.03825	0	0.189	0	0.39828	0.04678	13.01946
1.77461	0	0	0	0	0	1.8289
1.77461	0	0	0	0	0	1.8289
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0	0	0.07051	0	1.53704	0.74077	20.41339
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25.51194	52.82774	14.95026	21.61376	21.54217	90.68881	25.18052
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0.00246	0	0	0	0	0	0
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0	0	0	0	0	0	0.03465
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0	0	0	0	0	0	0

0.00123	0	0	0	0.00593	0	0
0.00123	0	0	0	0.00593	0	0
0.00123	0	0	0	0.00593	0	0
0.00123	0	0	0	0.00593	0	0
0	0	0	0	0.00593	0	0
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0.00123	0	0	0	0	0	0
0.00123	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
25.50813	52.82774	14.95026	21.61376	21.53625	90.68881	25.04007
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
25.50536	52.82774	14.92011	21.55831	21.34272	90.42526	4.03934
25.50536	52.82774	14.92011	21.55831	21.34272	90.42526	4.03934
0.04065	0	0	0	0	0	1.67608
0.02243	0	0	0	0	0	1.3426
0.02243	0	0	0	0	0	1.3426
0	0	0	0	0	0	0
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0.01822	0	0	0	0	0	0.33347
0	0	0	0	0.70697	0	0
0	0	0	0	0.70697	0	0
0	0	0	0	0.70697	0	0
0	0	0	0	0	0	0
0.74786	0	0.16695	20.41282	0.22677	0	0.09372
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0	0	0	0	0	0	0
0.74546	0	0.16695	20.41282	0.22677	0	0.09372
0.74546	0	0.16695	20.41282	0.22677	0	0.09372
0	0	0	0	0	0	0
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0	0	0	0	0	0	0

0.00412	0	0	0	0	0	0
0.00412	0	0	0	0	0	0
0.00412	0	0	0	0	0	0
20.57607	52.82774	11.15206	1.1094	19.5883	90.3981	1.31192
14.80669	39.06013	7.84251	0.05946	13.97829	64.78923	0.81634
14.80669	39.06013	7.84251	0.05946	13.97829	64.78923	0.81634
0.00062	0	0	0	0	0	0
0.00062	0	0	0	0	0	0
5.76876	13.76761	3.30955	1.04994	5.61001	25.60887	0.49558
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0	0	0	0	0	0	0
3.87609	0	2.79192	0.03609	0.82068	0	0.9567
0.93456	0	0.51623	0	0.05	0	0.02181
0.93456	0	0.51623	0	0.05	0	0.02181
2.07842	0	1.47658	0.00809	0.56944	0	0.81514
2.07842	0	1.47658	0.00809	0.56944	0	0.81514
0	0	0	0	0	0	0
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0.86311	0	0.79911	0.02799	0.20124	0	0.11975
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0	0	0	0	0	0	0.00092
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0.26057	0	0.0353	0	0	0	0
0.26057	0	0.0353	0	0	0	0
0.26057	0	0.0353	0	0	0	0
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0	0	0	0.02818	0.18689	0.26355	21.00073
0	0	0	0.02818	0.18689	0.26355	21.00073
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0	0	0	0.01141	0.00062	0.00715	0.88202
0	0	0	0.01141	0.00062	0.00715	0.88202
0	0	0	0.01168	0	0.021	0
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0	0	0	0.00509	0	0	0.15456
0	0	0	0.00509	0	0	0.15456
0	0	0	0	0.18627	0.23541	19.89597
0	0	0	0	0.18627	0.23541	19.89597
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0.0006	0	0.01781	0.02358	0	0	0
0.0006	0	0.01781	0.01676	0	0	0
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0.00218	0	0.01234	0.0037	0.00664	0	0
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0.00218	0	0.01234	0.0037	0.00466	0	0
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24.36861	0	0	0	0	0	0
24.36861	0	0	0	0	0	0
24.36861	0	0	0	0	0	0

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24.36861	0	0	0	0	0	0
0.03842	0	0	0	0	0	0
0.03842	0	0	0	0	0	0

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24.27334	0	0	0	0	0	0
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CHN99C	CHNKOC	CHNPMC	CHNUJC	CHNZ5C	CHO52C	CHO58C
100	100	100	100	100	100	99.97117
35.26761	0.00727	0.09353	1.75548	1.91966	0.00474	0.448
35.26761	0.00727	0.09353	1.75548	1.91966	0.00474	0.448
0	0.00727	0.09353	0	1.91966	0	0.00504
0	0	0	0	0.2173	0	0.00132
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0	0	0	0	0	0	0
0	0	0	0	0.2173	0	0
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0	0	0	0	0.02456	0	0
0	0	0	0	0.02456	0	0
0	0	0	0	0.18802	0	0
0	0	0	0	0.18802	0	0
0	0	0	0	0.00472	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.00132
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0	0	0	0	0.00255	0	0

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0	0	0	0	0	0	0
0	0	0.09353	0	1.64734	0	0
0	0	0.05801	0	1.64734	0	0
0	0	0.05801	0	1.64734	0	0
0	0	0.03552	0	0	0	0
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0	0.00727	0	0	0.0256	0	0.00372
0	0	0	0	0.01876	0	0.00349
0	0.00727	0	0	0.00685	0	0.00023
0	0.00727	0	0	0.00685	0	0.00023
0	0.00727	0	0	0.00685	0	0.00023
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
35.26761	0	0	1.62773	0	0	0.44296

35.26761	0	0	1.62773	0	0	0.44296
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
35.26761	0	0	1.62773	0	0	0.44296
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0	0	0	0.24127	0	0	0
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1.08693	0	0	0.45798	0	0	0
1.08693	0	0	0.45798	0	0	0
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34.18068	0	0	0.24337	0	0	0.02852
26.85395	0	0	0.24337	0	0	0.02852
7.32673	0	0	0	0	0	0
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0	0	0	0.12775	0	0.00474	0
0	0	0	0.12775	0	0.00474	0
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14.87521	21.28807	0	57.38518	0	0	0
14.87521	21.28807	0	57.38518	0	0	0
14.87521	21.28807	0	57.38518	0	0	0
14.87521	21.28807	0	13.68645	0	0	0
14.87521	21.28807	0	13.68645	0	0	0

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0	0	0	3.08025	0	0	0
0	0	0	3.08025	0	0	0
14.15628	0	0	2.14223	0	0	0
14.15628	0	0	2.14223	0	0	0
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0.17592	0	0	0.08092	0	0	0
0.17592	0	0	0.08092	0	0	0
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0.5169	0	0	0	0	0	0
0.5169	0	0	0	0	0	0
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0.02326	0	0	0	0	0	0

0.02326	0	0	0	0	0	0
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0.00171	21.28807	0	6.05921	0	0	0
0.00171	21.28807	0	6.05921	0	0	0
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0.68059	0.70627	69.66071	18.82832	56.39981	4.09373	75.61285
0.67753	0.68706	7.47519	0.40001	14.45194	1.3467	4.7899
0	0.60187	0.5584	0.12269	0.83922	0.26263	1.1628
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.02072	0	0.00294
0	0	0	0	0.02072	0	0.00294
0	0	0	0	0.00948	0	0.00294
0	0	0	0	0.00948	0	0.00294
0	0	0	0	0.00428	0	0
0	0	0	0	0.00428	0	0
0	0	0	0	0.00696	0	0
0	0.60187	0.5584	0.12269	0.8185	0.26263	1.15985
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.60187	0.5584	0.12269	0.8185	0.26263	1.15985
0	0.00223	0	0	0	0	0
0	0.00223	0	0	0	0	0
0	0.47696	0.02318	0.12209	0.81286	0.26263	0.58843
0	0.47696	0.02318	0.12209	0.81286	0.26263	0.58843
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.12219	0.53522	0.0006	0	0	0.56681
0	0.12219	0.53522	0.0006	0	0	0.56681
0	0.0005	0	0	0.00564	0	0.00462
0	0.0005	0	0	0.00564	0	0.00462

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.67753	0.08518	6.91679	0.27732	13.61273	1.08407	3.62711
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.51298	0.07617	2.51745	0	12.51876	0	0
0.51298	0.07617	2.51745	0	12.51876	0	0
0	0	0	0	0	0	0
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0.51298	0.07617	2.51745	0	12.51876	0	0
0.51298	0.07617	2.51745	0	12.51876	0	0
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0.16455	0.00902	4.39635	0.23598	0.0708	1.08407	3.62711
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0	0.00246	0.01544	0.004	0.03683	0	0.00285
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0	0	0.6608	0.04253	0	0.02005	1.48481
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0.16455	0.00143	3.70637	0.16873	0	1.06402	2.12854
0.16455	0.00143	3.70637	0.16873	0	1.06402	2.12854
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0	0	0	2.92414	40.93879	2.74703	0.21463
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0.00307	0.01922	62.18551	0.42341	1.00908	0	70.60832
0.00307	0.01922	62.18551	0.42341	1.00908	0	70.60832
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0.00307	0.01922	62.18551	0.42341	1.00908	0	70.60832
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0	0.0275	0.00053	0.11902	0.15487	0	0
0	0	0	0.11902	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0.11902	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.11902	0	0	0
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0	0	0	0	0	0	0
0	0	0	0.11902	0	0	0
0	0	0	0	0	0	0
0	0.0275	0.00053	0	0.15487	0	0
0	0.0275	0.00053	0	0.15487	0	0
0	0	0.00053	0	0	0	0
0	0	0.00053	0	0	0	0
0	0	0.00053	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.0275	0	0	0.15487	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00166	0	0	0.07173	0	0
0	0.00166	0	0	0.07173	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00103	0	0	0.00143	0	0
0	0.00103	0	0	0.00143	0	0
0	0.01123	0	0	0.00196	0	0
0	0.01123	0	0	0.00196	0	0
0	0.01359	0	0	0.07975	0	0
0	0	0	0.00103	0	0	0
0	0	0	0.00103	0	0	0
0	0	0	0.00103	0	0	0
0	0	0	0.00103	0	0	0
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0	0	0	0	0	0	0
49.17659	77.97088	30.24523	21.90786	41.47454	95.90153	23.91031
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
49.17659	75.40121	16.24162	21.90526	30.10159	95.90153	23.90765
49.17659	75.40121	16.24162	21.90526	30.10159	95.90153	23.90765
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.04536	0.25624	0	22.51192
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0	0	0	0	0	0	0
0	0	0	0.04536	0.25624	0	22.51192
0	0	0	0.04536	0.25624	0	22.51192
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
49.17659	0	0	12.50996	0.01245	45.62839	1.39573
36.72493	0	0	7.02585	0	33.511	0
36.72493	0	0	7.02585	0	33.511	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
12.45166	0	0	5.48412	0.01245	12.11739	1.39573
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0	75.40121	16.24162	9.34993	29.83291	50.27314	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	54.14067	16.24162	8.20248	29.83291	50.27314	0
0	54.14067	16.24162	8.20248	29.83291	50.27314	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	21.26055	0	1.14745	0	0	0
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0	0	0	0	0	0	0
0	2.56967	14.00361	0.0026	11.23178	0	0.00267
0	2.56967	14.00361	0.0026	11.23178	0	0.00267
0	0	0	0	0.00705	0	0
0	0	0	0	0.00705	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	2.56967	14.00361	0.0026	11.22473	0	0.00267
0	0.00051	0	0	0.07974	0	0
0	0.00051	0	0	0.07974	0	0
0	0.00018	0	0	0	0	0
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0	0	0	0	0.00613	0	0
0	0	0	0	0.00613	0	0
0	2.56898	14.00361	0.0026	11.13832	0	0.00267
0	2.56898	14.00361	0.0026	11.13832	0	0.00267
0	0	0	0	0.00053	0	0
0	0	0	0	0.00053	0	0
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0	0	0	0	0.10926	0	0
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0	0	0	0	0	0	0.02883
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.02883
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0	0	0	0	0	0	0.02883
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CHOAMC	CHODGC	CHONXC	CHOZGC	CHP1HC	CHP2QC	CHP5PC
100	74.17812	99.90448	100	100	99.9831	100
59.44466	11.81123	0.96481	0.00545	8.64889	46.50778	0
59.44466	11.81123	0.96481	0.00545	8.64889	46.50778	0
0.05301	0.18612	0.10479	0.005	0	0.27464	0
0.04894	0	0.06546	0	0	0.0919	0
0	0	0	0	0	0.00197	0
0	0	0	0	0	0.00197	0
0	0	0	0	0	0.00197	0
0.03795	0	0.06546	0	0	0.00569	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.06546	0	0	0	0
0	0	0.06546	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03795	0	0	0	0	0.00569	0
0.03795	0	0	0	0	0.00569	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01099	0	0	0	0	0.08424	0
0.01099	0	0	0	0	0.08424	0
0.01099	0	0	0	0	0.08424	0
0	0	0.00742	0	0	0	0
0	0	0.00742	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00742	0	0	0	0

0	0	0.00742	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00407	0.00512	0.0264	0.005	0	0.00097	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00407	0.00512	0.0264	0.005	0	0.00097	0
0.00064	0.00073	0.0264	0.005	0	0.00097	0
0.00064	0.00073	0.0264	0.005	0	0.00097	0
0.00343	0.00439	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.181	0.00551	0	0	0.18176	0
0	0.07441	0.00504	0	0	0	0
0	0.10659	0.00047	0	0	0.18176	0
0	0	0.00047	0	0	0	0
0	0	0.00047	0	0	0	0
0	0.10659	0	0	0	0.18176	0
0	0.10659	0	0	0	0.18176	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
59.39165	11.6251	0.83611	0	8.64889	45.92915	0

59.39165	11.6251	0.83611	0	8.64889	45.92915	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
59.39165	11.6251	0.83611	0	8.64889	45.92915	0
6.43197	0	0	0	0	0	0
6.43197	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	8.64889	0	0
0	0	0	0	8.64889	0	0
0	0	0.31116	0	0	34.51353	0
0	0	0.31116	0	0	34.51353	0
11.27433	0.83505	0	0	0	0	0
11.27433	0.83505	0	0	0	0	0
0.12881	0	0	0	0	0	0
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41.55654	10.79006	0.35538	0	0	8.82681	0
41.55654	10.79006	0.35538	0	0	8.82681	0
0	0	0	0	0	0	0
0	0	0.16957	0	0	2.58882	0
0	0	0.16957	0	0	2.58882	0
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0	0	0.02392	0.00045	0	0.30399	0
0	0	0.02392	0.00045	0	0.30399	0
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0	0	0.02117	0.00045	0	0.29518	0
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32.86941	46.32776	75.86009	1.69611	91.1754	0.35677	1.60645
7.68431	45.80996	15.03772	1.39183	58.80766	0.08605	1.60645
0.00064	2.60124	12.2185	0.24999	2.47509	0.00252	1.50343
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0	0	0.06616	0	0.19232	0	0
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0	0	0	0	0	0	0
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0.00064	2.60124	12.15233	0.24999	2.28277	0.00252	1.50343
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00064	2.60124	12.15233	0.24999	2.28277	0.00252	1.50343
0.00064	0	0	0	0	0.00252	0
0.00064	0	0	0	0	0.00252	0
0	2.16571	9.58951	0.24999	2.02738	0	1.1043
0	2.16571	9.58951	0.24999	2.02738	0	1.1043
0	0.00522	0	0	0	0	0
0	0.00522	0	0	0	0	0
0	0.03438	2.56282	0	0.22857	0	0.39912
0	0.03438	2.56282	0	0.22857	0	0.39912
0	0.39592	0	0	0.02682	0	0
0	0.39592	0	0	0.02682	0	0

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7.68367	43.20872	2.81923	1.14183	56.33258	0.08353	0.10302
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0	0	0	0	0	0	0
7.60177	41.87313	0.66861	1.10381	12.75811	0.06917	0
7.60177	41.87313	0.66861	1.10381	12.75811	0.06917	0
7.36067	0	0	0	0	0	0
7.36067	0	0	0	0	0	0
0	0	0.02943	0	0	0	0
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0.24111	41.87313	0.63597	1.10381	0	0.06917	0
0.24111	41.87313	0.63597	1.10381	0	0.06917	0
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0	0	0	0	12.75811	0	0
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0.0819	1.33559	2.01042	0.03802	43.57446	0.01369	0.10302
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0.0819	1.33559	1.84814	0.03802	43.57446	0.01369	0.10302
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0	0	0	0	0	0	0
0	0.11385	0.19609	0	0.27489	0.00293	0.0149
0	0.11385	0.19609	0	0.27489	0.00293	0.0149
0.02517	0.23309	0.267	0.02783	0.07802	0.00976	0
0.02517	0.23309	0.267	0.02783	0.07802	0.00976	0
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0.04107	0.87366	1.30767	0.01019	43.13283	0	0.08812
0.04107	0.87366	1.30767	0.01019	43.13283	0	0.08812
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0.00816	0	0.00372	0	0.016	0	0
0.00816	0	0.00372	0	0.016	0	0
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0.00749	0.11499	0.05707	0	0	0	0
0.00749	0.11499	0.05707	0	0	0	0
20.35345	0.19078	43.33852	0	14.59262	0.1345	0
20.35345	0.19078	43.33852	0	14.59262	0.1345	0
2.14922	0.19078	41.92962	0	13.97947	0	0
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2.14922	0.19078	41.92962	0	13.97947	0	0
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1.51731	0	0	0	0	0	0
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0.63191	0.19078	0.06888	0	13.97947	0	0
0.63191	0.19078	0.06888	0	13.97947	0	0
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17.79399	0	1.32488	0	0	0.0209	0
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0.40919	0	0.08402	0	0.61315	0.00268	0
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3.79678	0.32702	1.34898	0.30429	17.77511	0.13623	0
3.79678	0.32702	1.34898	0.30429	17.77511	0.13623	0
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3.79678	0.32702	1.34898	0.30429	17.77511	0.13623	0
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3.79678	0.32702	1.25408	0.30429	17.77511	0.13623	0
0.00915	0.05085	0.03052	0.0143	0	0	0
0.00915	0.05085	0.03052	0.0143	0	0	0
0.46358	0.07376	0.00107	0.03421	0	0.00177	0
0.46358	0.07376	0.00107	0.03421	0	0.00177	0
1.77329	0	0.43988	0.11246	8.41126	0.11458	0
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1.77329	0	0.43988	0.11246	8.41126	0.11458	0
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7.68593	16.03913	21.66368	65.94525	0.17571	26.32151	98.39355
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7.68492	16.03913	21.66191	65.91324	0.17571	26.32151	98.39355
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7.66625	16.02482	21.25721	65.60779	0.17571	26.29481	96.41545
7.66625	16.02482	21.25721	65.60779	0.17571	26.29481	96.41545
0.49756	0	0.06838	0	0	0	0
0.13551	0	0.05714	0	0	0	0
0.13551	0	0.05714	0	0	0	0
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0.36204	0	0.01092	0	0	0	0
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0.26941	0.42566	0.50923	0	0	0	3.08939
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0.12692	0.42566	0.50923	0	0	0	0.04137
0.12692	0.42566	0.50923	0	0	0	0.04137
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6.15306	8.516	0.63704	65.43208	0	24.36204	0.38811
4.67172	5.69084	0.3112	46.00749	0	19.12653	0
4.67172	5.69084	0.3112	46.00749	0	19.12653	0
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1.48134	2.82516	0.12581	19.42459	0	5.23551	0.38811
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0.74623	6.96106	20.0315	0.1757	0.17571	1.93277	92.91985
0.08656	0	0.00413	0	0	0	0
0.08656	0	0.00413	0	0	0	0
0.56387	4.71695	6.94922	0.1757	0.17571	1.84204	92.91985
0.56387	4.71695	6.94922	0.1757	0.17571	1.84204	92.91985
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0.09579	2.24411	13.07816	0	0	0.09073	0
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0	0.01431	0.40281	0.30545	0	0.02671	1.97529
0	0.01431	0.40281	0.30545	0	0.02671	1.97529
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0	0.01431	0.40281	0.30545	0	0.02671	1.97529
0	0.00086	0	0.037	0	0	0.92464
0	0.00086	0	0.037	0	0	0.92464
0	0	0	0.02593	0	0	1.05065
0	0	0	0.02593	0	0	1.05065
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0	0.01345	0.40281	0.24252	0	0.02671	0
0	0.01345	0.40281	0.24252	0	0.02671	0
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0.01031	0	0	0	0	0	0.00281
0.01031	0	0	0	0	0	0.00281
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	25.82188	0.09552	0	0	0.0169	0
0	25.82188	0.09552	0	0	0.0169	0
0	25.82188	0.09552	0	0	0.0169	0

0	25.82188	0.09552	0	0	0.0169	0
0	25.71636	0.09552	0	0	0	0
0	0	0.01827	0	0	0	0
0	0	0.01827	0	0	0	0
0	0	0.01827	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	25.71636	0.07725	0	0	0	0
0	0	0.07725	0	0	0	0
0	0	0.07725	0	0	0	0
0	25.71636	0	0	0	0	0
0	25.71636	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.10552	0	0	0	0.0169	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0.10552	0	0	0	0.0169	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0.0169	0
0	0	0	0	0	0.0169	0
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0	0.10552	0	0	0	0	0

0	0.10552	0	0	0	0	0
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CHP77C	CHP90C	CHPA7C	CHPB8C	CHPHYC	CHPLCC	CHPO0C
100	100	100	99.80638	100	99.82691	100
10.97326	93.83464	0.46827	0.03038	71.98383	1.23368	11.81146
10.97326	93.83464	0.46827	0.03038	71.98383	1.23368	11.81146
0.02355	0.00294	0.02009	0.00606	0	0.00401	0.14797
0	0	0	0	0	0	0.14797
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.14797
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.14797
0	0	0	0	0	0	0.14797
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02355	0	0.00377	0.00606	0	0.00401	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02355	0	0.00377	0.00606	0	0.00401	0
0.02355	0	0.00334	0.00606	0	0.00073	0
0.02355	0	0.00334	0.00606	0	0.00073	0
0	0	0.00043	0	0	0.00328	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00294	0.01632	0	0	0	0
0	0.00294	0	0	0	0	0
0	0	0.01632	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.01632	0	0	0	0
0	0	0.01632	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.14248	93.83024	0.24588	0.02433	71.88273	1.12151	11.66349

0.14248	93.83024	0.24588	0.02433	71.88273	1.12151	11.66349
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.14112	93.83024	0.24588	0.02433	71.88273	1.12151	11.66349
0	0	0	0	0	0	0.06043
0	0	0	0	0	0	0.06043
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.02423	0	0	0
0	0	0	0.02423	0	0	0
0.05003	39.32773	0	0	0	0.36251	11.60306
0.05003	39.32773	0	0	0	0.36251	11.60306
0.00386	0.04383	0	0.0001	0.06615	0.17283	0
0.00386	0.04383	0	0.0001	0.06615	0.17283	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.07228	54.45869	0.24588	0	71.81658	0.55364	0
0.07228	54.45869	0.24588	0	71.81658	0.55364	0
0	0	0	0	0	0	0
0.01494	0	0	0	0	0.03253	0
0.01494	0	0	0	0	0.03253	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00135	0	0	0	0	0	0
0.00135	0	0	0	0	0	0
0.00135	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.80723	0.00146	0.2023	0	0.10111	0.10816	0
10.80723	0.00146	0.2023	0	0.10111	0.10816	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0.02544	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.02544	0	0
0	0	0	0	0.02544	0	0
0	0	0	0	0	0	0
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10.76058	0.00146	0.14302	0	0	0.09362	0
0.01753	0.00146	0.14302	0	0	0	0
0.01753	0.00146	0.14302	0	0	0	0
0.31317	0	0	0	0	0	0
0.31317	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.42988	0	0	0	0	0.09362	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04665	0	0.05927	0	0.07567	0.01454	0
0.00047	0	0	0	0.00216	0.00017	0
0.00047	0	0	0	0.00216	0.00017	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04619	0	0.05927	0	0.07351	0.01437	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
63.78247	0.03886	70.60107	0	0.01825	25.68417	0.86586
63.78247	0.03886	70.60107	0	0.01825	25.68417	0.86586
63.78247	0.03886	70.60107	0	0.01825	25.68417	0.86586
39.56018	0.03861	70.26679	0	0.00677	25.59283	0.79596
39.56018	0.03861	70.26679	0	0.00677	25.59283	0.79596

0.00597	0	4.50609	0	0.00677	9.98068	0
0.00597	0	4.50609	0	0.00677	9.98068	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
15.25957	0.00094	0	0	0	15.01708	0
15.25957	0.00094	0	0	0	15.01708	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00111	0	0	0	0	0	0
0.00111	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00674	0	65.46266	0	0	0	0.45758
0.00674	0	65.46266	0	0	0	0.45758
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
12.36213	0	0	0	0	0.27947	0
12.36213	0	0	0	0	0.27947	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01999	0	0	0	0	0	0
0.01999	0	0	0	0	0	0
0.00725	0	0.06112	0	0	0.31559	0.27284
0.00725	0	0.06112	0	0	0.31559	0.27284
11.74729	0	0.01719	0	0	0	0

11.74729	0	0.01719	0	0	0	0
0	0	0	0	0	0	0
0.00372	0.03767	0.21973	0	0	0	0.06554
0.00372	0.03767	0.21973	0	0	0	0.06554
0.14643	0	0	0	0	0	0
0.14643	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
23.82903	0.00025	0.33308	0	0	0	0.0699
0.00215	0	0.12787	0	0	0	0
0.00215	0	0.12787	0	0	0	0
0.00215	0	0.12787	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
23.82688	0.00025	0.20521	0	0	0	0.0699
19.62233	0	0.02859	0	0	0	0.02663
19.62233	0	0.02859	0	0	0	0.02663
0.33881	0	0	0	0	0	0
0.33881	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.2092	0	0.17662	0	0	0	0
0.2092	0	0.17662	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
3.65653	0.00025	0	0	0	0	0.04327
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.10977	0	0.0012	0	0	0	0
0.10977	0	0.0012	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.10977	0	0.0012	0	0	0	0
0.10977	0	0.0012	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.28348	0	0	0	0.01148	0.09134	0
0.28348	0	0	0	0.01148	0.09134	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.28348	0	0	0	0.01066	0.00864	0
0.28348	0	0	0	0.01066	0.00864	0
0	0	0	0	0	0.0827	0
0	0	0	0	0	0.0827	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00082	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.95101	5.56006	1.0377	40.77089	6.85525	17.62619	26.09554
0.03066	5.43654	0.6026	1.27813	1.3887	0.47271	2.31297
0.00296	4.92766	0.11136	1.1533	0.01741	0.11424	1.078
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00247	0	0	0	0	0
0	0.00247	0	0	0	0	0
0	0.00149	0	0	0	0	0
0	0.00149	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00098	0	0	0	0	0
0.00296	4.92519	0.11136	1.1533	0.01741	0.11424	1.078
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00296	4.92519	0.11136	1.1533	0.01741	0.11424	1.078
0	0.05113	0.07545	0	0	0	0
0	0.05113	0.07545	0	0	0	0
0.00296	3.67833	0.0359	0.60947	0.01741	0	0.1463
0.00296	3.67833	0.0359	0.60947	0.01741	0	0.1463
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1.15866	0	0.54154	0	0.11424	0.11398
0	1.15866	0	0.54154	0	0.11424	0.11398
0	0.03708	0	0.00229	0	0	0.81772
0	0.03708	0	0.00229	0	0	0.81772

0	0	0	0	0	0	0
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0.02769	0.50888	0.49124	0.12483	1.37128	0.35847	1.23497
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00727	0	0.00469	0	0.29739	0.02078	1.20747
0.00727	0	0.00469	0	0.29739	0.02078	1.20747
0	0	0	0	0	0.00154	0
0	0	0	0	0	0.00154	0
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0.00727	0	0.00469	0	0.29739	0.01924	1.20747
0.00727	0	0.00469	0	0.29739	0.01924	1.20747
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0.00089	0.15548	0.20789	0.00158	0.90635	0	0.00419
0.00089	0.15548	0.20789	0.00158	0.90635	0	0.00419
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0.00089	0	0	0	0	0	0
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0.01953	0.3534	0.27866	0.12325	0.16754	0.33769	0.02331
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0.01953	0.3534	0.03511	0.12325	0.16754	0.33769	0.02331
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0	0.00514	0	0.00179	0.02599	0.00335	0
0.01849	0.01677	0.03511	0	0.00497	0.3133	0
0.01849	0.01677	0.03511	0	0.00497	0.3133	0
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0.00104	0.3288	0	0.12146	0.01947	0	0.0196
0.00104	0.3288	0	0.12146	0.01947	0	0.0196
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0	0.00269	0	0	0.0153	0.00265	0.0037
0	0.00269	0	0	0.0153	0.00265	0.0037
0.74014	0.00343	0.26175	16.16676	5.07354	16.45752	22.9161
0.74014	0.00343	0.26175	16.16676	5.07354	16.45752	22.9161
0.71515	0	0	0	0.00335	16.1433	22.60255
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0.01686	0.00343	0.01579	16.16676	0.00245	0.13658	0.31218
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0.01686	0.00343	0	16.16676	0.00245	0.0808	0.31218
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0.01686	0.00343	0	15.83617	0.00245	0.07262	0.3084
0.01686	0.00343	0	15.83617	0.00245	0.07262	0.3084
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0.00813	0	0.00848	0	5.0633	0.1346	0
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0.00813	0	0.00848	0	0.00229	0.12571	0
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0	0	0	0	0	0	0
0.00813	0	0.00848	0	0.00229	0.12571	0
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0.08411	0	0.0189	0	0	0.12584	0.00204
0.08411	0	0.0189	0	0	0.12584	0.00204
0.08411	0	0.0189	0	0	0.12584	0.00204
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0.06932	0	0.0189	0	0	0.04104	0.00204
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0.09611	0.12009	0.15446	23.326	0.39301	0.57012	0.86443
0.09611	0.12009	0.15446	23.326	0.39301	0.57012	0.86443
0.04086	0	0	0	0	0.0035	0
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0.05526	0.12009	0.15446	23.326	0.39301	0.56661	0.86443
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0.05526	0	0.10792	23.326	0.39301	0.44419	0.68844
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24.2925	0.56643	27.89296	59.00511	21.14267	55.21731	61.22714
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0.03799	0	0	0	0	0	0
0.03799	0	0	0	0	0	0
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0.00093	0	0.03739	0	0	0	0
0.00093	0	0.03739	0	0	0	0
0.00093	0	0.03739	0	0	0	0
0.00093	0	0.03739	0	0	0	0
0.00093	0	0.03662	0	0	0	0
0	0	0.00077	0	0	0	0
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24.25359	0.56643	27.85558	59.00511	21.14267	55.21731	61.22714
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0	0	0	0	0	0	0
24.07351	0.56643	27.84159	59.00511	20.99034	55.21731	61.21561
24.07351	0.56643	27.84159	59.00511	20.99034	55.21731	61.21561
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1.3562	0	0.00188	0.111	0	0.08082	0
1.35525	0	0	0	0	0	0
1.35525	0	0	0	0	0	0
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0.00095	0	0.00188	0.111	0	0.08082	0
0.00095	0	0.00188	0.111	0	0.08082	0
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22.53684	0.56181	0.01122	25.8512	0.00998	54.7489	6.76915
16.79107	0.56181	0.00174	17.94963	0.00998	37.9493	4.93628
16.79107	0.56181	0.00174	17.94963	0.00998	37.9493	4.93628
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5.74577	0	0.00948	7.90158	0	16.7996	1.83287
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0.13781	0.00463	27.80896	33.04291	20.98036	0.37844	54.44646
0	0	0.13499	0.04572	10.1301	0	24.98871
0	0	0.13499	0.04572	10.1301	0	24.98871
0.13781	0.00463	27.66179	32.99719	3.13604	0.37844	0
0.13781	0.00463	27.66179	32.99719	3.13604	0.37844	0
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0	0	0	0	7.71422	0	29.45775
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0	0	0.0118	0	0	0.00914	0
0	0	0.0118	0	0	0.00914	0
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0.18008	0	0.01398	0	0.08097	0	0.01152
0.18008	0	0.01398	0	0.08097	0	0.01152
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0.18008	0	0.01398	0	0.08097	0	0.01152
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0.18008	0	0.01398	0	0.07737	0	0.01152
0.18008	0	0.01398	0	0.07737	0	0.01152
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0	0	0	0.19362	0	0.17309	0
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0	0	0	0	0	0.04295	0
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CHPPDC	CHQ74C	CHQGLC	CHQL1C	CHQPEC	CHQQ8C	CHQRJC
99.99012	99.95253	100	90.64993	100	99.91969	100
57.2496	43.91482	1.27594	0.00776	0.05308	32.48805	75.66157
57.2496	43.91482	1.27594	0.00776	0.05308	32.48805	75.66157
0.03166	0.00168	0	0.00658	0.05051	0.01523	1.0575
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0	0.00039	0	0	0	0.01051	0.02491
0	0.00039	0	0	0	0.01051	0.02491
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0	0	0	0	0	0	0
0	0.00039	0	0	0	0	0.02029

0	0.00039	0	0	0	0	0.02029
0	0	0	0	0	0.01051	0
0	0	0	0	0	0.01051	0
0	0	0	0	0	0	0.00462
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.03166	0.00129	0	0.00658	0.04573	0.00472	0.01042
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0	0	0	0	0	0	0
0.03166	0.00129	0	0.00658	0.04573	0.00472	0.01042
0.03166	0.00129	0	0.00274	0.04573	0.00472	0.01042
0.03166	0.00129	0	0.00274	0.04573	0.00472	0.01042
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57.21795	43.91314	1.27594	0	0.00257	32.4604	74.60407

57.21795	43.91314	1.27594	0	0.00257	32.4604	74.60407
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
57.21795	43.91314	1.27594	0	0	32.4604	74.60407
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	8.01432	32.17699
0	0	0	0	0	8.01432	32.17699
0	0	0	0	0	21.57399	0
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0	0	0	0	0	0	0
57.21795	43.91314	1.27594	0	0	2.87209	42.42708
57.21795	43.91314	1.27594	0	0	2.87209	42.42708
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0	0	0	0.00118	0	0.01242	0
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15.38664	0	66.36478	0	11.56468	0.15936	0
15.38664	0	66.36478	0	11.56468	0.15936	0
15.38664	0	66.36478	0	11.56468	0.15936	0
14.4615	0	16.49375	0	11.55857	0.1395	0
14.4615	0	16.49375	0	11.55857	0.1395	0

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3.18657	0	0	0	0.32731	0	0
3.18657	0	0	0	0.32731	0	0
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10.23555	0	0	0	0	0.11871	0
10.23555	0	0	0	0	0.11871	0
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1.03938	0	0	0	7.18808	0.00239	0
1.03938	0	0	0	7.18808	0.00239	0
0	0	16.35175	0	0	0.00024	0

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0.92514	0	49.87103	0	0	0.01986	0
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0.92514	0	49.87103	0	0	0.01309	0
0.06486	0	26.33657	0	0	0.00176	0
0.06486	0	26.33657	0	0	0.00176	0
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0.85919	0	23.53447	0	0	0	0
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7.17979	47.78465	5.33719	34.86765	4.79378	3.66565	12.87674
0.67066	0.67044	5.10036	11.38447	0.49015	1.69135	10.89083
0.51123	0.19674	0.01393	0.57397	0.00182	0.91983	8.24698
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0	0.01603	0	0	0	0.00121	0.00544
0	0.01603	0	0	0	0.00121	0.00544
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0	0.01603	0	0	0	0.00047	0.00544
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0.51123	0.18071	0.01393	0.57397	0.00182	0.91863	8.24154
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.51123	0.18071	0.01393	0.57397	0.00182	0.91863	8.24154
0	0.08984	0	0	0.00162	0	0.64453
0	0.08984	0	0	0.00162	0	0.64453
0.51123	0.09086	0.01393	0.57397	0.0002	0.69347	2.38469
0.51123	0.09086	0.01393	0.57397	0.0002	0.69347	2.38469
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0.15943	0.4737	5.08643	10.8105	0.48833	0.77151	2.64385
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0.13392	0	5.0477	10.35084	0	0.07711	0
0.13392	0	5.0477	10.35084	0	0.07711	0
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0.13392	0	5.0477	10.35084	0	0.01638	0
0.13392	0	5.0477	10.35084	0	0.01638	0
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0.0255	0.4737	0.03873	0.45966	0.44473	0.6944	2.64385
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0	0	0	0	0	0	0
0.0255	0.4737	0.03873	0.45966	0.44473	0.6944	2.64385
0.0063	0	0	0	0	0	0
0.0063	0	0	0	0	0	0
0	0.01703	0	0	0.07465	0	0
0	0.01703	0	0	0.07465	0	0
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0.01146	0.04536	0	0.0004	0.00017	0.00951	0.01751
0.01146	0.04536	0	0.0004	0.00017	0.00951	0.01751
0	0	0.03277	0.00963	0	0.06167	0.12476
0	0	0.03277	0.00963	0	0.06167	0.12476
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0.00032	0.17473	0.00596	0.37056	0.36991	0.33059	2.46994
0.00032	0.17473	0.00596	0.37056	0.36991	0.33059	2.46994
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0	0.23659	0	0.01505	0	0.16739	0.03164
0	0.23659	0	0.01505	0	0.16739	0.03164
0	4.54294	0.10398	17.91721	4.09407	1.2763	0
0	4.54294	0.10398	17.91721	4.09407	1.2763	0
0	4.54294	0	17.44785	4.09407	1.2763	0
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0	4.54294	0	17.44785	4.09407	1.2763	0
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0	0	0	0	0	0	0
0	0	0	10.36931	0	1.27495	0
0	0	0	10.36931	0	1.27495	0
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0	4.54294	0	7.07854	4.09407	0.00135	0
0	4.54294	0	7.07854	4.09407	0.00135	0
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0.00519	42.57127	0.13285	5.56597	0.20957	0.69779	1.98591
0.00519	42.57127	0.13285	5.56597	0.20957	0.69779	1.98591
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0.00519	42.57127	0.13285	5.56597	0.20957	0.69779	1.9789
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20.17408	8.25306	27.02209	55.77452	83.58846	63.60663	11.46169
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20.17408	8.25306	27.02209	55.77452	83.58846	63.60448	11.46169
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20.17408	7.97934	27.02209	55.5846	83.57726	63.60448	11.46169
20.17408	7.97934	27.02209	55.5846	83.57726	63.60448	11.46169
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20.17408	0.42892	0.00425	6.11196	82.22605	63.60377	11.46169
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15.54006	0	0	0	62.37856	45.32859	8.44704
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4.63403	0.42892	0.00425	6.11196	19.84749	18.27518	3.01465
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0.00988	0.04747	0	9.35007	0	0.08031	0
0.00988	0.04747	0	9.35007	0	0.08031	0
0.00988	0.04747	0	9.35007	0	0.08031	0

0.00988	0.04747	0	9.35007	0	0.08031	0
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0.00988	0	0	9.35007	0	0.08031	0
0	0	0	0	0	0.01203	0
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0.00988	0	0	9.35007	0	0.06828	0
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CHQT5C	CHQURC	CHQWFC	CHQWOC	CHQYXC	CHQZRC	CHR1UC
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0.06986	0.01466	2.2612	0.0241	9.93557	0.11851	0.01528
0.06986	0.01466	2.2612	0.0241	9.93557	0.11851	0.01528
0.06986	0.01466	0.02464	0.0241	0.00717	0.00658	0.00074
0.06747	0	0	0.00409	0	0	0.00074
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0.00135	0.00455	0.00351	0	0.00076	0	0
0.00135	0.00455	0.00351	0	0.00076	0	0
0.00103	0.01011	0.00024	0	0.00642	0	0
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0	0	0.99518	0	9.33739	0	0.01454
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0.00676	0	11.79186	0	1.21362	45.0247	0
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0	0	1.12289	0	0.32455	0	0

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88.92251	5.28218	9.1782	45.09925	85.26417	0.69791	42.03105
19.92677	0.39068	1.05729	5.981	68.39735	0.68146	10.25354
0.045	0.00479	0.00753	0.08233	0	0.58606	0.00057
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0.00665	0	0	0	0	0.00921	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03834	0.00479	0.00753	0.08233	0	0.57685	0.00057
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0	0	0	0	0	0	0
0.03834	0.00479	0.00753	0.08233	0	0.57685	0.00057
0	0	0.00753	0	0	0	0.00057
0	0	0.00753	0	0	0	0.00057
0.03834	0.00479	0	0.08233	0	0.1112	0
0.03834	0.00479	0	0.08233	0	0.1112	0
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19.88177	0.38589	1.04976	5.89867	68.39735	0.0954	10.25297
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0	0	0	0	0.00237	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00237	0	0
0	0	0.07921	5.15294	0.06433	0.0586	10.07869
0	0	0.07921	5.15294	0.06433	0.0586	10.07869
0	0	0	0	0.06423	0	0
0	0	0	0	0.06423	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.07292	5.15294	0.0001	0.0586	10.07869
0	0	0.07292	5.15294	0.0001	0.0586	10.07869
0	0	0.00629	0	0	0	0
0	0	0.00629	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.09729	0.00322	11.5713	0	0.16288
0	0	0.09729	0.00322	11.34407	0	0.16288
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0.16288
0	0	0	0	0	0	0.16288
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.08966	0	0	0	0
0	0	0.08966	0	0	0	0
0	0	0.00763	0	0	0	0
0	0	0.00763	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.01773	0	0
0	0	0	0	0.01773	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00322	11.32633	0	0
0	0	0	0.00322	11.32633	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0.22723	0	0
0	0	0	0	0.22723	0	0
0	0	0	0	0.22723	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
19.88177	0.38589	0.87326	0.74251	54.59971	0.03679	0.0114
0	0	0	0	54.56423	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	54.56423	0	0
0	0	0	0	54.56423	0	0
19.88177	0.38589	0.87326	0.74251	0.03548	0.03679	0.0114
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0	0	0.00071	0	0	0	0
0	0	0.00071	0	0	0	0
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0.04216	0	0.01028	0	0.00272	0.01688	0.0114
0.04216	0	0.01028	0	0.00272	0.01688	0.0114
1.35294	0	0.14832	0.00271	0.01003	0.00063	0
1.35294	0	0.14832	0.00271	0.01003	0.00063	0
0	0	0	0	0	0	0

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0	0	0	0	0.00312	0	0
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0.63185	0.37672	0.11422	0.66992	0.01961	0.01928	0
0.63185	0.37672	0.11422	0.66992	0.01961	0.01928	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
17.84815	0.00917	0.1898	0.06989	0	0	0
17.84815	0.00917	0.1898	0.06989	0	0	0
0.0026	0.00668	4.11252	1.06132	9.34081	0.01645	31.77751
0.0026	0.00668	4.11252	1.06132	9.34081	0.01645	31.77751
0	0	4.03814	0.82842	6.52546	0	29.66917
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	4.03814	0.82842	6.52546	0	29.66917
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0	0	0	0	0	0	0
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0	0	0.04943	0	0	0	0
0	0	0.04943	0	0	0	0

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0	0	0	0	0	0	0
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0	0	3.55598	0	0	0	8.78678
0	0	3.55598	0	0	0	8.78678
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0	0	0	0	0	0	20.88239
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0	0.00668	0	0.00095	0.00104	0	0
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0	0.0023	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.00438	0	0.00095	0.00104	0	0
0	0.00438	0	0.00095	0.00104	0	0
0	0.00438	0	0.00095	0.00104	0	0

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0	0	0.01083	0	0	0	0
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0	0	0.01083	0	0	0	0
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0	0	0	0	0	0.01645	0
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0	0	0	0	0	0.01645	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.0026	0	0.05675	0	2.38997	0	0.74579
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0

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0	0	0.05351	0	2.09214	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0.05351	0	2.00999	0	0
0	0	0.05351	0	2.00999	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.08215	0	0
0	0	0	0	0.08215	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0026	0	0.00324	0	0.29784	0	0.74579
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.29784	0	0
0	0	0	0	0.29784	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0.74579
0	0	0	0	0	0	0.74579
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00324	0	0	0	0
0	0	0.00324	0	0	0	0
0.0026	0	0	0	0	0	0
0.0026	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0.23195	0.00067	0	0.13449
0	0	0	0.23195	0	0	0.13449
0	0	0	0	0	0	0.13449
0	0	0	0	0	0	0.13449
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.23195	0	0	0
0	0	0	0	0.00067	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.0068	0	0.42367	0	1.22806
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.42367	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.42367	0	0
0	0	0	0	0.42367	0	0
0	0	0.0068	0	0	0	1.22806
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.0068	0	0	0	1.22806
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.69782	0	0	0	0
0	0	0.69782	0	0	0	0
0	0	0.69782	0	0	0	0
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0	0	0.52802	0	0	0	0
0	0	0.1698	0	0	0	0
0	0	0	0	0	0	0

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0	0	0.1698	0	0	0	0
0	0	0.1698	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
68.99314	4.88483	3.31057	38.05693	7.526	0	0
68.99314	4.88483	3.31057	38.05693	7.526	0	0
0	0	0.75206	0	0.0002	0	0
0	0	0	0	0	0	0
0	0	0.75206	0	0.0002	0	0
0	0	0	0	0.0002	0	0
0	0	0	0	0.0002	0	0
0	0	0.58682	0	0	0	0
0	0	0.58682	0	0	0	0
0	0	0.16525	0	0	0	0
68.99314	4.88483	2.55851	38.05693	7.5258	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	2.91278	0	0
0	0	0	0	0.01463	0	0
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0	0	0	0	2.89815	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
68.99314	4.88483	2.55851	38.05693	4.61302	0	0
0	0	0.74842	0.01922	0.57888	0	0
0	0	0.74842	0.01922	0.57888	0	0
6.72083	0.00118	0.27883	0	0.43731	0	0
6.72083	0.00118	0.27883	0	0.43731	0	0
62.27231	3.50915	0.16252	36.47721	0	0	0
0	0	0	0	0	0	0
62.27231	3.50915	0.16252	36.47721	0	0	0
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0	0	0	0	0	0	0
0	1.3745	1.36875	1.5605	3.59683	0	0
0	0	0.00678	0	0	0	0.84914
0	0	0.00678	0	0	0	0.84914
0	0	0.00678	0	0	0	0.84914
0	0	0	0	0	0	0.84914
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0	0	0.00678	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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10.99947	94.5992	76.60518	54.87665	3.04331	54.15888	57.03728
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0	0	0	0	0	0	0
0.0464	0	0.78222	0	2.05813	0	0
0	0	0.78222	0	2.05813	0	0
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0	0	0.78222	0	2.05813	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.78222	0	0	0	0
0	0	0.78222	0	0	0	0
0	0	0	0	0	0	0
0	0	0.78222	0	0	0	0
0	0	0	0	2.05813	0	0
0.0464	0	0	0	0	0	0
0.0464	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0464	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01098	0	0	0	0	0	0
0.01098	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00033	0	0	0	0	0	0
0.00033	0	0	0	0	0	0
0.00595	0	0	0	0	0	0
0.00595	0	0	0	0	0	0
0.02914	0	0	0	0	0	0
0	0	0.02646	0	0	0.18334	0
0	0	0.02646	0	0	0.18334	0
0	0	0.02646	0	0	0.18334	0
0	0	0.02646	0	0	0.18334	0
0	0	0.02646	0	0	0.17777	0
0	0	0	0	0	0.00556	0
0	0	0	0	0	0.00556	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0.00806	0	0
0	0	0	0	0.00806	0	0
0	0	0	0	0.00806	0	0
0	0	0	0	0.00806	0	0
0	0	0	0	0.00806	0	0
0	0	0	0	0.00806	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.95307	94.5992	75.7965	54.87665	0.97712	53.97554	57.03728
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00626	94.5992	75.74785	54.24216	0.97712	53.96322	56.7813
0.00626	94.5992	75.74785	54.24216	0.97712	53.96322	56.7813
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	8.566	0.18943	0	0	49.77321
0	0	7.54468	0.18569	0	0	49.77321
0	0	7.54468	0.18569	0	0	49.77321
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	1.02133	0.00374	0	0	0
0	0	1.02133	0.00374	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0.00443	0	0
0	0	0	0	0.00443	0	0
0	0	0	0	0.00443	0	0
0.00353	78.97903	66.09157	0.342	0.96293	53.96322	7.0081
0.00056	59.8877	46.41603	0	0.84199	37.0899	0
0.00056	59.8877	46.41603	0	0.84199	37.0899	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00296	19.09133	19.67554	0.342	0.12094	16.87331	7.0081
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00273	15.62017	1.08984	49.65184	0.00777	0	0
0	10.00081	0.0118	0	0	0	0
0	10.00081	0.0118	0	0	0	0
0.00114	0	1.07804	49.65184	0.00457	0	0
0.00114	0	1.07804	49.65184	0.00457	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00159	5.61936	0	0	0.00319	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.002	0	0
0	0	0	0	0.002	0	0
0	0	0	0	0.002	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00044	0	0	0	0
0	0	0.00044	0	0	0	0
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0	0	0	4.05888	0	0	0
0	0	0	4.05888	0	0	0

0	0	0	4.05888	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.94681	0	0.02059	0.1805	0	0.01232	0.25597
10.94681	0	0.02059	0.1805	0	0.01232	0.25597
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.94681	0	0.02059	0.1805	0	0.01232	0.25597
0.02957	0	0	0	0	0.00752	0.00416
0.02957	0	0	0	0	0.00752	0.00416
0	0	0	0	0	0.00481	0.00698
0	0	0	0	0	0.00481	0.00698
0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.91716	0	0.02059	0.1805	0	0	0.24484
10.91716	0	0.02059	0.1805	0	0	0.24484
0	0	0	0	0	0	0
0	0	0	0	0	0	0
8.00E-05	0	0	0	0	0	0
8.00E-05	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.02806	0.454	0	0	0
0	0	0.01729	0.454	0	0	0
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0	0	0	0	0	0	0

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0	0	0	0.00361	0	0	0
0	0	0	0.00361	0	0	0
0	0	0.01463	0.40297	0	0	0
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0	0	0.00266	0.04743	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.01077	0	0	0	0
0	0	0.01077	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0.01441	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.01441	0	0
0	0	0	0	0.01441	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.01441	0	0
0	0	0	0	0.01441	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.01441	0	0
0	0	0	0	0.01441	0	0
0.0014	0.10395	0.10146	0	0.52893	0	0.06725
0.0014	0.10395	0.10146	0	0.52893	0	0.06725
0.0014	0.10395	0.10146	0	0.52893	0	0.06725

0.0014	0.10395	0.10146	0	0	0	0.06725
0.0014	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0014	0	0	0	0	0	0
0.0014	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.10395	0.10146	0	0	0	0.06725
0	0	0.00214	0	0	0	0
0	0	0.00214	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.10395	0.09932	0	0	0	0.06725
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.10395	0	0	0	0	0
0	0.10395	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0.09932	0	0	0	0
0	0	0.09932	0	0	0	0
0	0	0	0	0	0	0.06725
0	0	0	0	0	0	0.06725
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.52893	0	0
0	0	0	0	0.52893	0	0
0	0	0	0	0.52893	0	0
0	0	0	0	0.04657	0	0
0	0	0	0	0.04657	0	0
0	0	0	0	0.48236	0	0
0	0	0	0	0.48236	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

CHR3LC	CHRANC	CHRBUC	CHRJ0C	CHRKPC	CHRN2C	CHRPHC
100	100	100	100	99.97285	99.99712	100
45.30464	0	9.02745	0.98865	48.29557	31.01765	17.33403
45.30464	0	9.02745	0.98865	48.29557	31.01765	17.33403
0	0	0.03401	0.00468	0.00127	0.02739	0.01246
0	0	0	0.00284	0	0.00493	0.00438
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00284	0	0	0.00438
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00361
0	0	0	0	0	0	0.00361
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00077
0	0	0	0	0	0	0.00077
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00284	0	0	0
0	0	0	0.00284	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00493	0
0	0	0	0	0	0.00493	0
0	0	0	0	0	0.00493	0
0	0	0	0	0	0.00012	0
0	0	0	0	0	0.00012	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0.00012	0
0	0	0	0	0	0.00012	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.02708	0.00184	0.00127	0.00527	0.00807
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.02708	0.00184	0.00127	0.00527	0.00807
0	0	0.02708	0	0.00127	0.00527	0.00066
0	0	0.02708	0	0.00127	0.00527	0.00066
0	0	0	0.00184	0	0	0.00742
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00694	0	0	0.01707	0
0	0	0.00636	0	0	0.00964	0
0	0	0.00058	0	0	0.00743	0
0	0	0.00058	0	0	0	0
0	0	0.00058	0	0	0	0
0	0	0	0	0	0.00743	0
0	0	0	0	0	0.00743	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
44.11836	0	8.99344	0	47.19831	30.41224	17.32157

44.11836	0	8.99344	0	47.19831	30.41224	17.32157
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
44.11836	0	8.99344	0	47.19831	30.41224	17.32157
18.43485	0	0	0	0.02078	0.17167	0
18.43485	0	0	0	0.02078	0.17167	0
0	0	0	0	0.05094	0.06612	0
0	0	0	0	0.05094	0.06612	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
7.03368	0	3.00892	0	0.05896	3.38034	0
7.03368	0	3.00892	0	0.05896	3.38034	0
1.12422	0	0	0	26.32065	1.95079	17.31614
1.12422	0	0	0	26.32065	1.95079	17.31614
0	0	0	0	1.15125	1.55908	0
0	0	0	0	1.15125	1.55908	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
17.48831	0	0	0	19.59572	15.55023	0.00542
17.48831	0	0	0	19.59572	15.55023	0.00542
0	0	0	0	0	0	0
0.03729	0	5.98452	0	0	7.73401	0
0.03729	0	5.98452	0	0	7.73401	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.18628	0	0	0.98397	1.09599	0.57802	0
1.18628	0	0	0.98397	1.09599	0.57802	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.14658	0	0	0	1.09599	0.57802	0
0.86019	0	0	0	1.09599	0.57802	0
0.86019	0	0	0	1.09599	0.57802	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.22784	0	0	0	0	0	0
0.22784	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.05856	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03809	0	0	0.98397	0	0	0
0.00388	0	0	0.00213	0	0	0
0.00388	0	0	0.00213	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03421	0	0	0.98183	0	0	0
0.00161	0	0	0	0	0	0
0.00161	0	0	0	0	0	0
0.00161	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
36.24176	0	0	64.5373	3.57411	8.56803	30.29398
36.24176	0	0	64.5373	3.57411	8.56803	30.29398
36.24176	0	0	64.5373	3.57411	8.56803	30.29398
31.50629	0	0	64.5373	3.535	6.00555	30.29398
31.50629	0	0	64.5373	3.535	6.00555	30.29398

3.94344	0	0	0	0	0.00085	0
3.94344	0	0	0	0	0.00085	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.67851	0
0	0	0	0	0	0.67851	0
0	0	0	64.5313	0.01128	1.84334	0
0	0	0	64.5313	0.01128	1.84334	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00519	1.08638	0
0	0	0	0	0.00519	1.08638	0
0	0	0	0	0	0.11754	0
0	0	0	0	0	0.11754	0
0	0	0	0	0.82084	1.81874	30.29398
0	0	0	0	0.82084	1.81874	30.29398
0	0	0	0	0	0	0
0	0	0	0	0	0	0
6.32347	0	0	0	0	0	0
6.32347	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
5.26879	0	0	0	0	0.00164	0
5.26879	0	0	0	0	0.00164	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
1.66296	0	0	0	0	0.00227	0
1.66296	0	0	0	0	0.00227	0
2.63433	0	0	0	0	0	0

2.63433	0	0	0	0	0	0
0	0	0	0	0	0	0
10.27298	0	0	0.006	2.69768	0.45629	0
10.27298	0	0	0.006	2.69768	0.45629	0
1.40032	0	0	0	0	0	0
1.40032	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
4.72256	0	0	0	0.03912	2.55233	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00285	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00285	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
4.72256	0	0	0	0.03627	2.55233	0
3.55997	0	0	0	0	0.00369	0
3.55997	0	0	0	0	0.00369	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.4881	0	0	0	0.03627	0.0758	0
0.4881	0	0	0	0.03627	0.0758	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.67448	0	0	0	0	2.47284	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0.01291	0	0	0	0	0.00771	0
0.01291	0	0	0	0	0.00771	0
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0.01279	0	0	0	0	0	0
0.01279	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00771	0
0	0	0	0	0	0.00771	0
0.00012	0	0	0	0	0	0
0.00012	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0.00244	0
0	0	0	0	0	0.00244	0
0	0	0	0	0	0	0
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0	0	0	0	0	0.00244	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
14.04583	99.95999	33.96573	19.75036	3.4682	11.33569	17.15091
0.04742	1.6972	33.75105	3.89916	1.25456	7.93451	1.65073
0	0.21749	13.36814	0	0.85475	0.47877	0.16654
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.07903	0	0	0.0029	0
0	0	0.07903	0	0	0.0029	0
0	0	0.07328	0	0	0.0029	0
0	0	0.07328	0	0	0.0029	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00575	0	0	0	0
0	0.21749	13.28911	0	0.85475	0.47586	0.16654
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.21749	13.28911	0	0.85475	0.47586	0.16654
0	0.05018	0.41374	0	0.1629	0	0
0	0.05018	0.41374	0	0.1629	0	0
0	0.16731	12.06152	0	0.16773	0.02503	0.05994
0	0.16731	12.06152	0	0.16773	0.02503	0.05994
0	0	0	0	0	0	0.10282
0	0	0	0	0	0	0.10282
0	0	0.44373	0	0.52412	0.45083	0.00378
0	0	0.44373	0	0.52412	0.45083	0.00378
0	0	0.37012	0	0	0	0
0	0	0.37012	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04742	1.47971	20.3829	3.89916	0.39981	7.45575	1.48419
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00112	0	0	0.00352	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00112	0	0	0.00352	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00112	0	0	0.00352	0	0	0
0.00604	0.45626	0.02388	1.36537	0.26473	2.53068	0.04511
0.00604	0.45626	0.02388	1.36537	0.26473	2.53068	0.04511
0.00604	0	0	0	0	0.0124	0
0.00604	0	0	0	0	0.0124	0
0	0	0	0	0	0.00363	0
0	0	0	0	0	0.00363	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.45626	0.02388	0	0.26473	2.51465	0.04511
0	0.45626	0.02388	0	0.26473	2.51465	0.04511
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	1.36537	0	0	0
0	0	0	1.36537	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	2.52666	0	2.01539	1.23127
0	0	0	2.52666	0	2.01539	1.23127
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.0102	0
0	0	0	0	0	0.0102	0
0	0	0	0	0	1.14654	1.23127
0	0	0	0	0	1.14654	1.23127
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	2.52666	0	0.83516	0
0	0	0	2.52666	0	0.83516	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.02348	0
0	0	0	0	0	0.02348	0

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04027	1.02345	20.35902	0.00361	0.13508	2.90968	0.20781
0	0.01198	0	0	0.01549	0.0285	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01198	0	0	0.01549	0.0285	0
0	0.01198	0	0	0.01549	0.0285	0
0.04027	1.01147	20.35902	0.00361	0.11959	2.88119	0.20781
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00066	0	0	0	0
0	0	0.00066	0	0	0	0
0.00433	0	0	0	0	0	0
0.00433	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0024	0.028	0.20132	0	0.00878	0.04847	0
0.0024	0.028	0.20132	0	0.00878	0.04847	0
0.00571	0.03708	0.02186	0	0.02979	0.03175	0.03643
0.00571	0.03708	0.02186	0	0.02979	0.03175	0.03643
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02739	0.80646	17.13189	0.00095	0.06567	2.65264	0.17138
0.02739	0.80646	17.13189	0.00095	0.06567	2.65264	0.17138
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00044	0.13992	0	0	0.00263	0.01446	0
0.00044	0.13992	0	0	0.00263	0.01446	0
0	0	0	0	0.00081	0	0
0	0	0	0	0.00081	0	0
0	0	3.00329	0.00266	0.01191	0.13388	0
0	0	3.00329	0.00266	0.01191	0.13388	0
7.56487	12.79631	0	13.50569	1.13829	1.87876	1.98254
7.56487	12.79631	0	13.50569	1.13829	1.87876	1.98254
0.50291	8.94269	0	9.9935	0.90295	0.0181	1.98254
0	0	0	0	0	0.00872	0
0	0	0	0	0	0.00872	0
0	0	0	0	0	0.00872	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.50291	8.94269	0	9.9935	0.90295	0.00938	1.98254
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.31865	0	0	3.00454	0.00344	0	0
0.31865	0	0	3.00454	0.00344	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.56928	0.00637	1.98254
0	0	0	0	0.56928	0.00637	1.98254
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	6.69527	0.00827	0	0
0	0	0	6.69527	0.00827	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02211	4.80354	0	0.27749	0.00837	0	0
0.02211	4.80354	0	0.27749	0.00837	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	4.13916	0	0	0.31358	0	0
0	4.13916	0	0	0.31358	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.16215	0	0	0.01619	0	0.00301	0
0.16215	0	0	0.01619	0	0.00301	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00402	0	0	0	0	0.05147	0
0	0	0	0	0	0.05063	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.01755	0
0	0	0	0	0	0.01755	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.03308	0
0	0	0	0	0	0.03308	0
0.00321	0	0	0	0	0.00084	0
0.00321	0	0	0	0	0.00084	0
0.00321	0	0	0	0	0.00084	0

0.00082	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.00082	0	0	0	0	0	0
0.00082	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.26726	0	0	0	0.01325	0.06628	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.26726	0	0	0	0.01325	0.06628	0
0.26726	0	0	0	0.01325	0.06628	0
0.26726	0	0	0	0.01325	0.06628	0
0	0	0	0	0.05895	0.05474	0
0	0	0	0	0	0	0
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0	0	0	0	0.05895	0.05474	0
0	0	0	0	0	0.0022	0
0	0	0	0	0	0.0022	0
0	0	0	0	0	0.05177	0
0	0	0	0	0	0.05177	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.05895	0.00078	0
0	0	0	0	0.05895	0.00078	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
3.66733	0	0	2.49196	0.01593	0.47114	0
1.02499	0	0	1.4307	0	0.04334	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.04334	0
0	0	0	0	0	0.04334	0
0	0	0	1.41679	0	0	0
0	0	0	1.41679	0	0	0

1.02499	0	0	0.01391	0	0	0
0.55521	0	0	0.01921	0.01428	0.32604	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.50492	0	0	0	0.01161	0.16446	0
0.50492	0	0	0	0.01161	0.16446	0
0	0	0	0	0	0.00694	0
0	0	0	0	0	0.00694	0
0.05029	0	0	0.01921	0.00268	0.15463	0
0.05029	0	0	0.01921	0.00268	0.15463	0
1.83717	0	0	0	0	0.0456	0
1.83717	0	0	0	0	0.0456	0
1.83717	0	0	0	0	0.0456	0
0.0018	0	0	0	0	0.0423	0
0	0	0	0	0	0.0423	0
0	0	0	0	0	0.0423	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0018	0	0	0	0	0	0
0.14222	0	0	0.00054	0.00064	0.00439	0
0.00246	0	0	0	0	0.00439	0
0.00246	0	0	0	0	0.00439	0
0.08559	0	0	0	0	0	0
0.08559	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02363	0	0	0	0.00027	0	0
0.02363	0	0	0	0.00027	0	0
0.00688	0	0	0	0	0	0
0.00688	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0.00037	0	0
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0.02365	0	0	0	0	0	0
0.02365	0	0	0	0	0	0
0	0	0	0.00054	0	0	0
0	0	0	0.00054	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.10595	0	0	1.0415	0.001	0.00946	0
0	0	0	0	0	0.00946	0
0	0	0	0	0	0.00946	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.10595	0	0	1.0415	0	0	0
0.10595	0	0	1.0415	0	0	0
0	0	0	0	0.001	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.00587	0	0
0	0	0	0	0.00587	0	0
0	0	0	0	0.00587	0	0
0.11802	3.85362	0	1.02023	0.10837	0.02573	0
0.11802	3.85362	0	1.02023	0.10837	0.02573	0
0.10106	0	0	0.54178	0.10837	0.02461	0
0.10106	0	0	0.54178	0.10837	0.02461	0
0	3.85362	0	0	0	0	0
0	3.85362	0	0	0	0	0
0.01696	0	0	0.47845	0	0.00112	0
0.01696	0	0	0.47845	0	0.00112	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
3.00533	0	0	0	0.03298	1.19129	0
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0	0	0	0	0	0	0
0	0	0	0	0.00903	1.14111	0
0	0	0	0	0.00903	1.14111	0
0	0	0	0	0.00903	1.14111	0
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0	0	0	0	0	0	0
3.00533	0	0	0	0.02395	0.05019	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
3.00533	0	0	0	0.02395	0.05019	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.18121	1.05153	0	1.45386	0.05127	0.77855	0
0.18121	1.05153	0	1.45386	0.05127	0.77855	0
0.18121	1.05153	0	1.45386	0.05127	0.77855	0
0.00754	0	0	0	0	0	0
0.00754	0	0	0	0	0	0
0.00754	0	0	0	0	0	0
0.10735	0.96592	0	1.22784	0.04423	0.77725	0
0.10735	0	0	0	0	0	0
0.10735	0	0	0	0	0	0
0	0.96592	0	1.22784	0.04423	0.77725	0
0.06633	0.08561	0	0.22602	0.00704	0.0013	0
0.0097	0	0	0	0	0	0

0.0097	0	0	0	0	0	0
0.01812	0.08561	0	0.22602	0.00704	0	0
0.01812	0.08561	0	0.22602	0.00704	0	0
0	0	0	0	0	0	0
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0.03071	0	0	0	0	0	0
0.03071	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.0078	0	0	0	0	0	0
0.0078	0	0	0	0	0	0
0	0	0	0	0	0.0013	0
0	0	0	0	0	0.0013	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
6.25232	84.41495	0.21469	0.89166	1.02407	0.74387	13.51765
6.25232	84.41495	0.21469	0.89166	1.02407	0.74387	13.51765
0.00092	0	0.00011	0	0	0	0.04278
0	0	0	0	0	0	0
0.00092	0	0.00011	0	0	0	0.04278
0.00092	0	0.00011	0	0	0	0.04278
0.00092	0	0.00011	0	0	0	0.04278
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
6.2514	84.41495	0.21457	0.89166	1.02407	0.74387	13.47487
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
5.93814	0	0	0	0	0	0
0	0	0	0	0	0	0
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5.93814	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.31325	84.41495	0.21457	0.89166	1.02407	0.74387	13.47487
0	24.44993	0.02744	0	0.14104	0.06452	0.13203
0	24.44993	0.02744	0	0.14104	0.06452	0.13203
0	0.00041	0	0.0072	0.10073	0.11747	0.11618
0	0.00041	0	0.0072	0.10073	0.11747	0.11618
0.00142	5.57795	0.00034	0.78953	0.18735	0.4292	0.07321
0	0	0	0	0	0	0
0.00142	5.57795	0.00034	0.78953	0.18735	0.4292	0.07321
0.31183	0	0.18679	0	0.08706	0.07957	13.15345
0.31183	0	0.18679	0	0.08706	0.07957	13.15345
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.06031	0	0
0	0	0	0	0.06031	0	0
0	54.38666	0	0.09493	0.44759	0.05311	0
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4.40777	0.04001	57.00681	14.72369	44.63497	49.01115	35.22108
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.80996	0	0.01099	0	0.00783	1.15894	0
0.80996	0	0	0	0.00783	1.15894	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0.80996	0	0	0	0.00783	1.15894	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.43414	0	0	0	0.00599	1.15894	0
0.43414	0	0	0	0.00599	1.15894	0
0	0	0	0	0	0	0
0.43414	0	0	0	0.00599	1.15894	0
0.37582	0	0	0	0.00183	0	0
0	0	0.01099	0	0	0	0
0	0	0.01099	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.01099	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0.00022	0	0	0	0
0	0	0.00022	0	0	0	0
0	0	0	0	0	0	0
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0	0	0.01077	0	0	0	0
1.12134	0	0	0	0	0.04534	0
1.12134	0	0	0	0	0.04534	0
1.12134	0	0	0	0	0.04534	0
1.12134	0	0	0	0	0.04534	0
0.93317	0	0	0	0	0.04401	0
0.18817	0	0	0	0	0.00133	0
0.18817	0	0	0	0	0.00133	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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2.47647	0.04001	56.99582	14.72369	44.62714	47.80687	35.22108
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.47423	0	56.9716	14.72187	44.56259	47.51235	35.09639
2.47423	0	56.9716	14.72187	44.56259	47.51235	35.09639
0	0	0	0	0.45875	0	0
0	0	0	0	0.38213	0	0
0	0	0	0	0.38213	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0005	0	0	1.08074	0.09035	0.3724	0.00201
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0005	0	0	1.08074	0.09035	0.3724	0.00201
0.0005	0	0	1.08074	0.09035	0.3724	0.00201
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.43565	0	56.9716	10.88691	43.73428	42.03248	30.05711
1.89301	0	43.6191	8.18267	31.46968	30.5812	22.18284
1.89301	0	43.6191	8.18267	31.46968	30.5812	22.18284
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.54265	0	13.3525	2.70424	12.2646	11.45127	7.87427
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03807	0	0	2.75046	0.2792	5.10748	5.03728
0.02701	0	0	0.00285	0.0117	0.01098	0
0.02701	0	0	0.00285	0.0117	0.01098	0
0.00546	0	0	2.74462	0.22776	4.2809	4.97634
0.00546	0	0	2.74462	0.22776	4.2809	4.97634
0	0	0	0	0	0.81559	0
0	0	0	0	0	0.81559	0
0.0056	0	0	0	0.03974	0	0.06094
0	0	0	0.00299	0	0	0
0	0	0	0.00299	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00224	0.04001	0.02423	0.00182	0.06206	0.29029	0
0.00224	0.04001	0.02423	0.00182	0.06206	0.29029	0
0	0	0	0	0	0.00142	0
0	0	0	0	0	0.00142	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00224	0.04001	0.02423	0.00182	0.06206	0.28887	0
0	0	0	0	0.00213	0.01446	0
0	0	0	0	0.00213	0.01446	0
0	0	0	0	0.00087	0.0048	0
0	0	0	0	0.00087	0.0048	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00224	0.04001	0.02423	0.00182	0.05905	0.26961	0
0.00224	0.04001	0.02423	0.00182	0.05905	0.26961	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.0025	0.00422	0.12469
0	0	0	0	0.0025	0.00422	0.12469
0	0	0	0	0.0025	0.00422	0.12469
0	0	0	0	0.00165	0.00422	0.10487
0	0	0	0	0.00165	0.00422	0.10487
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0	0	0	0	0	0	0
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0	0	0	0	0.00085	0	0
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0	0	0	0	0.02715	0.00142	0
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CHRQ5C	CHRYZC	CHS1SC	CHS3EC	CHS3VC	CHS4EC	CHS9SC
97.80435	100	99.99049	100	99.99702	99.68753	99.99199
19.49184	65.4683	36.53436	27.71949	45.03897	60.48247	0.3481
19.49184	65.4683	36.53436	27.71949	45.03897	60.48247	0.3481
0.01575	0.00752	0.30878	0.00042	0.11312	0.2278	0.3481
0	0.00058	0.28462	0.00042	0.00595	0.00316	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00058	0.28462	0	0.00551	0.00316	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00058	0	0	0	0	0
0	0.00058	0	0	0	0	0
0	0	0	0	0	0.00316	0
0	0	0	0	0	0.00316	0
0	0	0	0	0.00551	0	0
0	0	0	0	0.00551	0	0
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0	0	0.28352	0	0	0	0
0	0	0.28352	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00109	0	0	0	0
0	0	0.00109	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00042	0.00044	0	0
0	0	0	0.00042	0.00044	0	0
0	0	0	0.00042	0.00044	0	0
0	0	0.0221	0	0.02673	0.00365	0
0	0	0.0221	0	0.02673	0.00365	0
0	0	0.00656	0	0	0.00365	0
0	0	0.00656	0	0	0.00365	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00871	0	0.02576	0	0

0	0	0.00871	0	0.02576	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00683	0	0.00097	0	0
0	0	0.00683	0	0.00097	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01575	0.00694	0.00206	0	0.076	0.06918	0.34638
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01575	0.00694	0.00206	0	0.076	0.06918	0.34638
0.01575	0.00436	0.00206	0	0.076	0.06918	0.34638
0.01575	0.00436	0.00206	0	0.076	0.06918	0.34638
0	0.00258	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.00444	0.15181	0.00172
0	0	0	0	0.00444	0.13142	0
0	0	0	0	0	0.02039	0.00172
0	0	0	0	0	0	0.00172
0	0	0	0	0	0	0.00172
0	0	0	0	0	0.02039	0
0	0	0	0	0	0.02039	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
17.5419	65.40878	36.04237	27.71879	44.91398	60.2409	0

17.5419	65.40878	36.04237	27.71879	44.91398	60.2409	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
17.5419	65.40878	36.04237	27.71879	44.91398	60.2409	0
6.45589	0	0	0	0	0	0
6.45589	0	0	0	0	0	0
5.96323	0	0	0	0	0	0
5.96323	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
3.33238	0.71165	0	0	0	0	0
3.33238	0.71165	0	0	0	0	0
0.0228	63.22947	36.04237	27.71879	0	0.04904	0
0.0228	63.22947	36.04237	27.71879	0	0.04904	0
0.89441	0.04646	0	0	0	0	0
0.89441	0.04646	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.87319	1.42119	0	0	44.91398	60.19186	0
0	1.42119	0	0	44.91398	60.19186	0
0.87319	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.9342	0.05201	0.18321	0.00028	0.01187	0.01378	0
1.9342	0.05201	0.18321	0.00028	0.01187	0.01378	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0.05893	0.00028	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.05893	0.00028	0	0	0
0	0	0.05893	0.00028	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.9342	0.05201	0	0	0.00712	0.01378	0
1.9342	0.05201	0	0	0.00712	0.01378	0
1.9342	0.05201	0	0	0.00712	0.01378	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.12428	0	0.00475	0	0
0	0	0.00099	0	0.00129	0	0
0	0	0.00099	0	0.00129	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.1233	0	0.00347	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
23.9064	0.49755	0	0.0138	6.15244	0.22981	0
23.9064	0.49755	0	0.0138	6.15244	0.22981	0
23.9064	0.49755	0	0.0138	6.15244	0.22981	0
20.63931	0.45079	0	0.0138	4.39038	0.07905	0
20.63931	0.45079	0	0.0138	4.39038	0.07905	0

0	0.02403	0	0	0	0.00775	0
0	0.02403	0	0	0	0.00775	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
12.09683	0	0	0	0	0	0
12.09683	0	0	0	0	0	0
7.9163	0	0	0.01051	0	0	0
7.9163	0	0	0.01051	0	0	0
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0	0	0	0	0	0	0
0.13047	0	0	0	0	0	0
0.13047	0	0	0	0	0	0
0	0.27722	0	0	0.45012	0.00112	0
0	0.27722	0	0	0.45012	0.00112	0
0	0	0	0	0	0	0
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0	0.01542	0	0	0.06311	0	0
0	0.01542	0	0	0.06311	0	0
0	0	0	0	0	0	0
0.06975	0	0	0	0	0	0
0.06975	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.00237	0	0	0	0.02439	0.00355	0
0.00237	0	0	0	0.02439	0.00355	0
0	0	0	0.00329	0.04658	0.04584	0

0	0	0	0.00329	0.04658	0.04584	0
0	0	0	0	0	0	0
0.42359	0.13412	0	0	3.80617	0.02078	0
0.42359	0.13412	0	0	3.80617	0.02078	0
0	0	0	0	0	0	0
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2.85729	0.04677	0	0	1.51962	0.15076	0
0	0	0	0	0	0.00969	0
0	0	0	0	0	0.00969	0
0	0	0	0	0	0.00969	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0073	0.04592	0	0	0	0	0
0.0073	0	0	0	0	0	0
0.0073	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.04592	0	0	0	0	0
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0	0	0	0	0	0	0
2.84999	0.00085	0	0	1.51962	0.14106	0
0.00291	0	0	0	1.3824	0.0683	0
0.00291	0	0	0	1.3824	0.0683	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.08909	0	0	0	0.13722	0.02	0
0.08909	0	0	0	0.13722	0.02	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.75799	0.00085	0	0	0	0.05277	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.40776	0	0	0	0.24245	0	0
0.40776	0	0	0	0.24245	0	0
0	0	0	0	0	0	0
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0.40776	0	0	0	0.24245	0	0
0.40776	0	0	0	0.24245	0	0
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0.00204	0	0	0	0	0	0
0.00204	0	0	0	0	0	0
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0.00204	0	0	0	0	0	0
0.00204	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
12.26358	23.20927	47.01981	45.22058	2.15262	18.922	99.40428
2.47716	3.04599	1.13406	0.11805	0.76578	0.94041	99.40428
0.4996	0.03364	0.19732	0	0.08594	0.04776	7.06971
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00942	0	0.00421	0	0
0	0	0.00942	0	0.00421	0	0
0	0	0.00614	0	0.00421	0	0
0	0	0.00614	0	0.00421	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00327	0	0	0	0
0.4996	0.03364	0.1879	0	0.08173	0.04776	7.06971
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.4996	0.03364	0.1879	0	0.08173	0.04776	7.06971
0.00724	0.00625	0	0	0	0.03772	0
0.00724	0.00625	0	0	0	0.03772	0
0.47907	0.01125	0.15534	0	0.08173	0.01004	7.06971
0.47907	0.01125	0.15534	0	0.08173	0.01004	7.06971
0	0	0.00618	0	0	0	0
0	0	0.00618	0	0	0	0
0.0133	0.01614	0.02422	0	0	0	0
0.0133	0.01614	0.02422	0	0	0	0
0	0	0.00216	0	0	0	0
0	0	0.00216	0	0	0	0

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0	0	0	0	0	0	0
1.97756	3.01235	0.93674	0.11805	0.67984	0.89264	92.33456
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00334	0	0	0
0.0038	2.35722	0.47154	0.07616	0.3512	0.84884	0
0.0038	2.35722	0.47154	0.07616	0.3512	0.84884	0
0	0	0.47141	0	0	0	0
0	0	0.47141	0	0	0	0
0	0.01365	0	0	0	0.01168	0
0	0.01365	0	0	0	0.01168	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00124	2.34357	0.00013	0.07616	0.3512	0.83715	0
0.00124	2.34357	0.00013	0.07616	0.3512	0.83715	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0.00256	0	0	0	0	0	0
0.00256	0	0	0	0	0	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
1.20929	0	0	0	0.04939	0.00698	0
1.20929	0	0	0	0.04939	0.00698	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.20929	0	0	0	0	0.0018	0
1.20929	0	0	0	0	0.0018	0
0	0	0	0	0	0.00487	0
0	0	0	0	0	0.00487	0
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0	0	0	0	0	0	0
0	0	0	0	0.04939	0	0
0	0	0	0	0.04939	0	0
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0	0	0	0	0	0.0003	0
0	0	0	0	0	0.0003	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.76447	0.65513	0.4652	0.03855	0.27925	0.03683	92.33456
0.32898	0.25862	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.32898	0.25862	0	0	0	0	0
0.32898	0.25862	0	0	0	0	0
0.43549	0.39651	0.4652	0.03855	0.27925	0.03683	92.33456
0	0.00376	0	0	0	0	0
0	0.00376	0	0	0	0	0
0	0	0.18944	0	0.00069	0	0
0	0	0.18944	0	0.00069	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.02355	0.00273
0	0	0	0	0	0.02355	0.00273
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.001	0.00442	0.14357	0.00116	0.05346	0.00486	0.78627
0.001	0.00442	0.14357	0.00116	0.05346	0.00486	0.78627
0.06694	0.02573	0.07961	0.01296	0.12471	0.00093	0.08177
0.06694	0.02573	0.07961	0.01296	0.12471	0.00093	0.08177
0	0	0	0	0	0	0

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0	0	0.01137	0.00238	0.01318	0	0
0	0	0.01137	0.00238	0.01318	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.21763	0.34205	0.03729	0.00459	0.08721	0.0024	91.44575
0.21763	0.34205	0.03729	0.00459	0.08721	0.0024	91.44575
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.05746	0.01214	0	0.01746	0	0.0002	0.01804
0.05746	0.01214	0	0.01746	0	0.0002	0.01804
0	0	0.00392	0	0	0	0
0	0	0.00392	0	0	0	0
0.09247	0.0084	0	0	0	0.00489	0
0.09247	0.0084	0	0	0	0.00489	0
0.21072	12.49152	0.98302	23.35778	0.08257	5.10918	0
0.21072	12.49152	0.98302	23.35778	0.08257	5.10918	0
0	8.45421	0.46801	4.2727	0	0.1176	0
0	0	0	0	0	0.06289	0
0	0	0	0	0	0.06289	0
0	0	0	0	0	0.06289	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	8.45421	0.46801	4.2727	0	0.05471	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.12274	0	0	0	0.01042	0
0	0.12274	0	0	0	0.01042	0
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0	0	0	0	0	0	0
0	5.00948	0	0.50343	0	0	0
0	5.00948	0	0.50343	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.21911	0	0	0	0	0
0	0.09063	0	0	0	0	0

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0	0.12848	0	0	0	0	0
0	0.00055	0	0	0	0	0
0	0.00055	0	0	0	0	0
0	0.23504	0	2.26267	0	0	0
0	0.23504	0	2.26267	0	0	0
0	0.0021	0.46801	0	0	0.04429	0
0	0.0021	0.46801	0	0	0.04429	0
0	0	0	0	0	0	0
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0	2.86519	0	0.28841	0	0	0
0	2.86519	0	0.28841	0	0	0
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0	0	0	1.2182	0	0	0
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0	0	0.00696	0	0	0	0
0	0	0.00696	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.06203	0.30816	0	0	0	1.47393	0
0	0.009	0	0	0	0	0
0	0.009	0	0	0	0	0
0	0.009	0	0	0	0	0
0.06203	0.29916	0	0	0	1.47393	0
0.06203	0.29916	0	0	0	1.47393	0
0.06203	0.29916	0	0	0	1.47393	0
0	1.42585	0	0	0	0	0
0	0	0	0	0	0	0
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0	1.42585	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.1487	0.37086	0.00116	17.21658	0.08257	3.50196	0
0	0	0	0	0	0.01192	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0.01192	0
0.1487	0.26786	0	17.06399	0.07013	3.47882	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.2393	0	15.35663	0.05954	3.38165	0
0	0.2393	0	15.35663	0.05954	3.38165	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.1487	0.02856	0	1.70736	0.01059	0.09716	0
0.1487	0.02856	0	1.70736	0.01059	0.09716	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.01842	0	0	0	0.00377	0
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0	0	0	0	0	0	0
0	0.01842	0	0	0	0.00377	0
0	0.04689	0.00116	0.15259	0.01244	0.00745	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.02929	0	0.15259	0.01244	0	0
0	0.02929	0	0.15259	0.01244	0	0
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0	0	0	0	0	0.00231	0
0	0	0	0	0	0.00231	0
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0	0.00108	0	0	0	0	0
0	0.00108	0	0	0	0	0
0	0	0	0	0	0	0

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0	0.00487	0.00116	0	0	0	0
0	0.00487	0.00116	0	0	0	0
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0	0	0	0	0	0	0
0	0.01165	0	0	0	0.00514	0
0	0.01165	0	0	0	0.00514	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.03769	0	0	0	0	0
0	9.00E-05	0	0	0	0	0
0	9.00E-05	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.0376	0	0	0	0	0
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0	0.19772	0	0	0	0	0
0	0.19772	0	0	0	0	0
0	1.09691	0.49399	0.65817	0	0.00949	0
0	1.09691	0.49399	0.65817	0	0.00949	0
0	1.09691	0	0	0	0	0
0	1.09691	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.49399	0.65817	0	0.00949	0
0	0	0.49399	0.65817	0	0.00949	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.6378	0.01128	1.21033	0	0.0062	0
0	0	0	1.21033	0	0	0
0	0	0	1.21033	0	0	0
0	0	0	1.21033	0	0	0
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0	0	0	0	0	0	0
0	0.6378	0.01128	0	0	0.0062	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.6378	0.01128	0	0	0.0062	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
1.42924	0.19102	1.10617	1.24913	0.07877	0.0002	0
1.42924	0.19102	1.10617	1.24913	0.07877	0.0002	0
1.42924	0.19102	1.10617	1.24913	0.07877	0.0002	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.81527	0.11493	0.3702	0.91544	0.04245	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.81527	0.11493	0.3702	0.91544	0.04245	0	0
0.61396	0.07609	0.73597	0.33369	0.03632	0.0002	0
0	0.00069	0.03293	0	0	0	0

0	0.00069	0.03293	0	0	0	0
0.09782	0.04431	0.25045	0.33369	0.03632	0	0
0.09782	0.04431	0.25045	0.33369	0.03632	0	0
0	0	0.00246	0	0	0	0
0	0	0.00246	0	0	0	0
0	0.02316	0.39748	0	0	0	0
0	0.02316	0.39748	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00793	0.05264	0	0	0	0
0	0.00793	0.05264	0	0	0	0
0.51615	0	0	0	0	0.0002	0
0.51615	0	0	0	0	0.0002	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
8.14646	7.48074	43.79655	20.49563	1.22549	12.87222	0
8.14646	7.48074	43.79655	20.49563	1.22549	12.87222	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
8.14646	7.48074	43.79655	20.49563	1.22549	12.87222	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.13737	0	0
0	0	0	0	0.00856	0	0
0	0	0	0	0.00856	0	0
0	0	0	0	0.04192	0	0

0	0	0	0	0.04192	0	0
0	0	0	0	0.00301	0	0
0	0	0	0	0.00301	0	0
0	0	0	0	0.08388	0	0
0	0.00108	0	0	0	12.54508	0
0	0.00108	0	0	0	0	0
0	0.00108	0	0	0	0	0
0	0	0	0	0	12.54508	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
8.14646	7.47966	43.79655	20.49563	1.08812	0.32714	0
0.39108	0.73108	0.27758	0.01013	0	0.07153	0
0.39108	0.73108	0.27758	0.01013	0	0.07153	0
0.0156	0.05512	0.34012	0.19447	0.36365	0	0
0.0156	0.05512	0.34012	0.19447	0.36365	0	0
0.0157	0.97248	34.64421	20.29103	0.26182	0.00196	0
0	0	0	0	0	0	0
0.0157	0.97248	34.64421	20.29103	0.26182	0.00196	0
7.72408	2.24362	0	0	0	0	0
7.72408	2.24362	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.04379	0	0	0	0	0
0	0.04379	0	0	0	0	0
0	3.43357	8.53464	0	0.46266	0.25365	0
0	0	0.00661	0	0.00442	0	0
0	0	0.00661	0	0.00442	0	0
0	0	0.00661	0	0.00442	0	0
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0	0	0.00661	0	0.00442	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
42.14253	10.82487	16.42971	27.04613	46.64857	20.05325	0.2226
0	0	0	0	0.06798	0	0
0	0	0	0	0.00726	0	0
0	0	0	0	0.00726	0	0
0	0	0	0	0.00726	0	0
0	0	0	0	0.00726	0	0
0	0	0	0	0.06072	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.06072	0	0
0	0	0	0	0.04732	0	0
0	0	0	0	0.02547	0	0
0	0	0	0	0.02547	0	0
0	0	0	0	0.02185	0	0
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0	0	0	0	0	0	0
0.00346	0.06758	0	0	0.37569	0.00364	0
0.00346	0.06758	0	0	0.37569	0.00364	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0.00346	0.06758	0	0	0.37569	0.00364	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.37569	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.37569	0	0
0.00346	0.06758	0	0	0	0.00364	0
0	0	0	0	0	0	0
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0	0	0	0	0.00121	0.00272	0
0	0	0	0	0.00121	0.00272	0
0	0	0	0	0.00121	0.00272	0
0	0	0	0	0.00121	0.00272	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
42.13907	10.75729	16.42971	27.04613	46.2037	20.0469	0.2226
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
42.13643	9.87633	14.93627	27.04475	44.65016	20.04154	0
42.13643	9.87633	14.93627	27.04475	44.65016	20.04154	0
0.08699	4.12183	5.47745	0.08621	0	0	0
0.00389	3.51217	4.78508	0.06741	0	0	0
0.00389	3.51217	4.78508	0.06741	0	0	0
0.0831	0	0	0	0	0	0
0.0831	0	0	0	0	0	0
0	0.60966	0.69236	0.0188	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.89313	0.16517	0	0.29123	34.85501	0.38038	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.67387	0.16517	0	0.29123	34.85501	0.38038	0
0.67387	0.16517	0	0.29123	0	0.38038	0
0	0	0	0	34.85501	0	0
0	0	0	0	0	0	0
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0.21926	0	0	0	0	0	0
0.21926	0	0	0	0	0	0

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0.84387	3.406	0.2696	24.32224	9.77877	0.23641	0
0.54028	2.16369	0	16.79994	5.6693	0.14465	0
0.54028	2.16369	0	16.79994	5.6693	0.14465	0
0	0	0	0	0	0	0
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0.30359	1.24231	0.2696	7.5223	4.10948	0.09176	0
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40.30556	2.18333	9.18922	1.69287	0.01638	19.40614	0
0.03722	0.04919	0.06703	0	0	2.19906	0
0.03722	0.04919	0.06703	0	0	2.19906	0
33.9688	1.82365	8.52958	1.63526	0	14.37274	0
33.9688	1.82365	8.52958	1.63526	0	14.37274	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
6.29954	0.31049	0.59262	0.05761	0.01638	2.83434	0
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0.00016	0	0	0	0	0	0
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0.00671	0	0	0	0	0.0186	0
0.00671	0	0	0	0	0.0186	0

0.00671	0	0	0	0	0.0186	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.88096	1.48674	0	0.29539	0.00536	0.2226
0	0.88096	1.48674	0	0.29539	0.00536	0.2226
0	0.00249	0	0	0	0	0
0	0.00249	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.87847	1.48674	0	0.29539	0.00536	0.2226
0	0.04579	0.11342	0	0	0.00249	0
0	0.04579	0.11342	0	0	0.00249	0
0	0.03032	0.0882	0	0	0.00093	0
0	0.03032	0.0882	0	0	0.00093	0
0	0.0029	0	0	0	0	0
0	0.0029	0	0	0	0	0
0	0.79906	1.28512	0	0.29539	0.00193	0.2226
0	0.79906	1.28512	0	0.29539	0.00193	0.2226
0	0.0004	0	0	0	0	0
0	0.0004	0	0	0	0	0
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0.00231	0	0.0067	0.00137	0.89136	0	0
0.00231	0	0	0.00137	0.83707	0	0
0.00231	0	0	0.00137	0.83707	0	0
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0.00231	0	0	0.00026	0	0	0
0	0	0	0	0.83707	0	0
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0.00033	0	0	0	0.36678	0	0
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0.00033	0	0	0	0.34819	0	0
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0.00326	0	0	0	0	0	0
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0.00326	0	0	0	0	0	0
2.19239	0	0.00951	0	0.00298	0.31247	0.00801
2.19239	0	0.00951	0	0.00298	0.31247	0.00801
2.19239	0	0.00951	0	0.00298	0.31247	0.00801

2.19239	0	0.00951	0	0	0.31247	0
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2.19239	0	0.00951	0	0	0	0
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2.19239	0	0.00951	0	0	0	0
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0	0	0	0	0.00298	0	0.00801
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0	0	0	0	0	0	0

CHSIPC	CHSP9C	CHSX5C	CHSYNC	CHT9JC	CHTB2C	CHTBXC
100	99.97907	100	100	100	100	99.99774
0.00505	42.87364	0	0	54.97402	0.2363	0.01188
0.00505	42.87364	0	0	54.97402	0.2363	0.01188
0.00505	0.10576	0	0	0	0.2363	0.01188
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.09015	0	0	0	0	0
0	0.09015	0	0	0	0	0
0	0.01237	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01625	0	0	0	0	0
0	0.01625	0	0	0	0	0
0	0.02321	0	0	0	0	0

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0	0.02784	0	0	0	0	0
0	0.02784	0	0	0	0	0
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0	0.01048	0	0	0	0	0
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0.00163	0.01561	0	0	0	0.22708	0.01188
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0.00163	0.01561	0	0	0	0.22708	0.01188
0.00163	0.01561	0	0	0	0.22708	0.01188
0.00163	0.01561	0	0	0	0.22708	0.01188
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0.00341	0	0	0	0	0.00922	0
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0	42.76788	0	0	54.97402	0	0

0	42.76788	0	0	54.97402	0	0
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0	42.76788	0	0	54.97402	0	0
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0	28.49658	0	0	54.64622	0	0
0	28.49658	0	0	54.64622	0	0
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0	5.9758	0	0	0.01447	0	0
0	5.9758	0	0	0.01447	0	0
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0	8.29551	0	0	0.00602	0	0
0	8.29551	0	0	0.00602	0	0
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73.55603	4.75173	22.18659	0	4.91476	22.13826	0.02349
73.55603	4.71497	22.18659	0	4.91476	22.13826	0.02349
73.55603	4.71497	22.18659	0	4.91476	22.13826	0.02349
73.2898	4.1805	22.18659	0	4.60116	0.61275	0
73.2898	4.1805	22.18659	0	4.60116	0.61275	0

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36.82016	0	22.18659	0	2.49197	0	0
36.82016	0	22.18659	0	2.49197	0	0
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36.46796	0	0	0	0	0	0
36.46796	0	0	0	0	0	0
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0	0.02653	0	0	0.85542	0.61275	0
0	0.02653	0	0	0.85542	0.61275	0
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0.26622	0.53447	0	0	0.31359	0	0
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0.26622	0.53447	0	0	0.31359	0	0
0.10996	0.42864	0	0	0.12968	0	0
0.10996	0.42864	0	0	0.12968	0	0
0	0	0	0	0.00839	0	0
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0.15626	0.10583	0	0	0.17552	0	0
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0	0.03301	0	0	0	0	0
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0.5949	15.65595	0.22532	90.48093	6.71975	10.05482	2.28362
0.48052	15.60701	0.13116	12.48408	0.45316	10.05482	0.7865
0.33362	0.45607	0.09876	0.02029	0.34432	0.07519	0.68304
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0	0	0	0	0	0	0
0	0.00226	0	0.0116	0	0.0257	0
0	0.00226	0	0.0116	0	0.0257	0
0	0.00226	0	0.00953	0	0.0257	0
0	0.00226	0	0.00953	0	0.0257	0
0	0	0	0.00207	0	0	0
0	0	0	0.00207	0	0	0
0	0	0	0	0	0	0
0.33362	0.45381	0.09876	0.00869	0.34432	0.04948	0.68304
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.33362	0.45381	0.09876	0.00869	0.34432	0.04948	0.68304
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.3263	0.01191	0.0728	0.00869	0.30759	0.01933	0.68304
0.3263	0.01191	0.0728	0.00869	0.30759	0.01933	0.68304
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.4419	0.02596	0	0.03673	0.03015	0
0	0.4419	0.02596	0	0.03673	0.03015	0
0.00732	0	0	0	0	0	0
0.00732	0	0	0	0	0	0

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0.14691	15.15094	0.0324	12.4638	0.10884	9.97963	0.10346
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0	0.00396	0	0	0	0	0.00796
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0	0.00396	0	0	0	0	0
0	0.00396	0	0	0	0	0
0	0	0	0	0	0	0.00796
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.00796
0	0.20583	0.031	0.00336	0	0.21186	0
0	0.20583	0.031	0.00336	0	0.21186	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.20583	0.031	0.00336	0	0.21186	0
0	0.20583	0.031	0.00336	0	0.21186	0
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0.14691	14.77982	0.00141	12.46044	0.07468	9.76777	0.0955
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0	7.13008	0	0	0	0	0
0	7.13008	0	0	0	0	0
0.14691	7.64975	0.00141	12.46044	0.07468	9.76777	0.0955
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0	0.04041	0	0.00674	0	0.09367	0.00097
0	0.04041	0	0.00674	0	0.09367	0.00097
0.08298	0.68071	0	0.4257	0.00132	1.01933	0.07657
0.08298	0.68071	0	0.4257	0.00132	1.01933	0.07657
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0.06392	1.98812	0.00141	11.48731	0.0587	8.65477	0.00515
0.06392	1.98812	0.00141	11.48731	0.0587	8.65477	0.00515
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0	0.00031	0	0.43645	0	0	0
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0.11438	0.04842	0.09416	77.98296	4.61613	0	1.49712
0.11438	0.04842	0.09416	77.98296	4.61613	0	1.49712
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0.11438	0.04842	0.09416	77.98296	4.61613	0	1.49712
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0.11438	0.04842	0.09416	77.98296	3.37063	0	1.49712
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0.0105	0	0.00256	0.18686	0	0	0.05017
0.0105	0	0.00256	0.18686	0	0	0.05017
0.01496	0.03946	0	77.7961	0	0	0.00913
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0.01496	0.03946	0	77.7961	0	0	0.00913
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25.84402	36.69775	77.58809	9.51907	33.39148	67.57063	97.67875
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0	3.38207	0.02807	0	0	0	0.02948
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25.84402	33.31567	77.56002	9.51907	33.39148	67.57063	97.64927
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25.83422	31.85314	77.37983	0.00856	33.39148	67.57063	95.34681
25.83422	31.85314	77.37983	0.00856	33.39148	67.57063	95.34681
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13.66616	0.04975	77.37983	0	33.39148	58.72296	5.07594
10.79116	0.01848	57.95368	0	25.15552	45.92055	0
10.79116	0.01848	57.95368	0	25.15552	45.92055	0
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12.16806	24.67517	0	0.00856	0	6.09931	0
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12.16806	1.33332	0	0.00632	0	6.09931	0
12.16806	1.33332	0	0.00632	0	6.09931	0
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0.0098	0	0.18018	9.51051	0	0	2.30247
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0.0098	0	0.18018	9.51051	0	0	2.26401
0	0	0	0.00775	0	0	0.00065
0	0	0	0.00775	0	0	0.00065
0	0	0	0.00419	0	0	0
0	0	0	0.00419	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.0098	0	0.18018	9.49857	0	0	1.73582
0.0098	0	0.18018	9.49857	0	0	1.73582
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.52753
0	0	0	0	0	0	0.52753
0	1.29397	0	0	0	0	0
0	1.29053	0	0	0	0	0
0	1.13041	0	0	0	0	0
0	0.01871	0	0	0	0	0
0	0.01871	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.9526	0	0	0	0	0
0	0.9526	0	0	0	0	0
0	0.02912	0	0	0	0	0
0	0.02912	0	0	0	0	0

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0	0.04692	0	0	0	0	0
0	0.04692	0	0	0	0	0
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0	0.08306	0	0	0	0	0
0	0.08306	0	0	0	0	0
0	0.16012	0	0	0	0	0
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0	0.00344	0	0	0	0	0
0	0.16856	0	0	0	0	0
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0	0.16712	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0.01866	0	0	0	0	0
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0	0.00226	0	0	0	0	0.00226
0	0.00226	0	0	0	0	0.00226
0	0.00226	0	0	0	0	0.00226

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0	0	0	0	0	0	0
0	0.00226	0	0	0	0	0.00226
0	0.00226	0	0	0	0	0.00226
0	0.00226	0	0	0	0	0.00226

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0	0	0	0	0	0	0

CHUMMC	CHUNTC	CHUV0C	CHUWDC	CHUWKC	CHVH7C	CHVJ7C
100	99.91311	100	100	100	99.8546	99.87961
0.56637	0.45825	23.75413	7.03337	94.09153	0.11047	46.14766
0.56637	0.45825	23.75413	7.03337	94.09153	0.11047	46.14766
0	0.00968	0	0.72371	0.00287	0.11047	0.00436
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.0034	0	0	0.00287	0	0.00036
0	0.0034	0	0	0.00287	0	0.00036
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.00036

0	0	0	0	0	0	0.00036
0	0.0034	0	0	0	0	0
0	0.0034	0	0	0	0	0
0	0	0	0	0.00287	0	0
0	0	0	0	0.00287	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00628	0	0.72371	0	0.11047	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.00628	0	0.72371	0	0.11047	0
0	0.00628	0	0.3949	0	0.11047	0
0	0.00628	0	0.3949	0	0.11047	0
0	0	0	0.3288	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.004
0	0	0	0	0	0	0
0	0	0	0	0	0	0.004
0	0	0	0	0	0	0.004
0	0	0	0	0	0	0.004
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.5635	0.40669	22.30438	6.30967	94.08865	0	44.92077

0.5635	0.40669	22.30438	6.30967	94.08865	0	44.92077
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.5635	0.40669	22.30438	6.30967	94.08865	0	44.92077
0	0.15697	0	0	0	0	0
0	0.15697	0	0	0	0	0
0	0.14583	0	0	0	0	0
0	0.14583	0	0	0	0	0
0	0	0	6.30967	0	0	0
0	0	0	6.30967	0	0	0
0.012	0.07016	5.7505	0	0	0	0
0.012	0.07016	5.7505	0	0	0	0
0.41109	0	2.83572	0	0.24199	0	19.52496
0.41109	0	2.83572	0	0.24199	0	19.52496
0	0.01834	0.01872	0	0	0	0
0	0.01834	0.01872	0	0	0	0
0	0	0.02609	0	0	0	0
0	0	0.02609	0	0	0	0
0.1404	0.0154	12.31728	0	93.84666	0	25.39581
0.1404	0.0154	12.31728	0	93.84666	0	25.39581
0	0	0	0	0	0	0
0	0	1.35606	0	0	0	0
0	0	1.35606	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00287	0.04187	1.44975	0	0	0	1.22254
0.00287	0.04187	1.44975	0	0	0	1.22254
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.04187	1.39857	0	0	0	1.22254
0	0.04187	1.39857	0	0	0	0
0	0.04187	1.39857	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	1.22254
0	0	0	0	0	0	1.22254
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.04884	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.04884	0	0	0	0
0.00287	0	0.00234	0	0	0	0
0.00287	0	0.00234	0	0	0	0
0.00287	0	0.00234	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
41.76375	7.79516	45.33097	0	0	0	11.65443
41.76375	7.79516	45.33097	0	0	0	11.65443
41.76375	7.79516	45.33097	0	0	0	11.65443
41.76375	7.31444	17.70046	0	0	0	9.40655
41.76375	7.31444	17.70046	0	0	0	9.40655

0	0	4.85641	0	0	0	0
0	0	3.11806	0	0	0	0
0	0	1.73835	0	0	0	0
0	0	0	0	0	0	0.18825
0	0	0	0	0	0	0.18825
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	4.30862	0	0	0	0	0
0	4.30862	0	0	0	0	0
0	2.90302	0	0	0	0	0.68956
0	2.90302	0	0	0	0	0.68956
0	0	0	0	0	0	0
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0	0.01942	0	0	0	0	0
0	0.01942	0	0	0	0	0
41.76375	0	0	0	0	0	0.08706
41.76375	0	0	0	0	0	0.08706
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.01806
0	0	0	0	0	0	0.01806
0	0	0	0	0	0	0
0	9.00E-05	0	0	0	0	0
0	9.00E-05	0	0	0	0	0
0	0	0	0	0	0	0.1223
0	0	0	0	0	0	0.1223
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	8.04173	0	0	0	3.48035
0	0	8.04173	0	0	0	3.48035
0	0	0	0	0	0	0.06464
0	0	0	0	0	0	0.06464
0	0	0	0	0	0	0.43984

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0	0	0	0	0	0	0
0	0.0833	4.80232	0	0	0	4.30572
0	0.0833	4.80232	0	0	0	4.30572
0	0	0	0	0	0	0.01077
0	0	0	0	0	0	0.01077
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0	0	0	0	0	0	0
0	0.46896	24.44926	0	0	0	2.24657
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0	0	0	0	0	0	0
0	0.46896	24.44926	0	0	0	2.24657
0	0.00057	7.56967	0	0	0	0
0	0.00057	7.56967	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0.02395
0	0	0	0	0	0	0.02395
0	0.01396	0	0	0	0	0
0	0.01396	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.45443	16.87959	0	0	0	2.22262
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0.01176	0	0	0	0	0
0	0.01176	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.01176	0	0	0	0	0
0	0.01176	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	3.18125	0	0	0	0.0013
0	0	3.18125	0	0	0	0.0013
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0

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0	0	3.18125	0	0	0	0.0013
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.30875	11.27588	29.86452	92.65562	3.28387	99.74413	7.18392
0.30012	6.84898	13.89518	92.65562	2.04974	5.72288	3.19717
0.02216	0.49485	0	7.23764	1.11007	0.15911	1.17391
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.15306	0.00041	0	0
0	0	0	0.15306	0.00041	0	0
0	0	0	0.15306	0.00041	0	0
0	0	0	0.15306	0.00041	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02216	0.49485	0	7.08458	1.10966	0.15911	1.17391
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02216	0.49485	0	7.08458	1.10966	0.15911	1.17391
0	0	0	0	0.32213	0	0
0	0	0	0	0.32213	0	0
0.02216	0.39096	0	7.08458	0.78753	0.15911	0.59826
0.02216	0.39096	0	7.08458	0.78753	0.15911	0.59826
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.10389	0	0	0	0	0.57565
0	0.10389	0	0	0	0	0.57565
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0.27795	6.35413	13.89518	85.41798	0.93968	5.56377	2.02326
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0	0	0	0	0	0	0
0	0	0.00204	0	0	0	0
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0	0	0.00204	0	0	0	0
0	0	0	0	0	0	0
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0	0	0.00204	0	0	0	0
0.27795	0.00543	0.02551	0.04735	0	4.02717	0.00393
0.27795	0.00543	0.02551	0.04735	0	4.02717	0.00393
0	0	0.02302	0	0	0	0
0	0	0.02302	0	0	0	0
0	0	0	0	0	0	0
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0.27795	0.00543	0	0.04735	0	4.02717	0.00393
0.27795	0.00543	0	0.04735	0	4.02717	0.00393
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0	0.02604	13.86566	0.02111	0	0	0.01705
0	0.02604	13.86566	0.02111	0	0	0.01705
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0	6.32266	0.00197	85.34952	0.93968	1.5366	2.00228
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0	6.31295	0.00197	85.34952	0.93968	1.5366	2.00228
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0	0	0	1.93537	0	0	0
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0	0	0	0	0.24041	0	0
0	0	0	0	0.24041	0	0
0	0	0	1.58635	0	0	0
0	0	0	1.58635	0	0	0
0	0.01128	0.00136	0.04929	0.0116	0	0.00194
0	0.01128	0.00136	0.04929	0.0116	0	0.00194
0	0.03903	0	0.30381	0.00303	0	0.12495
0	0.03903	0	0.30381	0.00303	0	0.12495
0	0	0	25.62043	0	0	0

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0	6.0439	0	55.78843	0.68463	1.3754	0.1194
0	6.0439	0	55.78843	0.68463	1.3754	0.1194
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0	0.19778	0	0.06584	0	0	0.14257
0	0.19778	0	0.06584	0	0	0.14257
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0	0	0	0	0	0	0
0	0.02096	0	0	0	0.1612	1.61342
0	0.02096	0	0	0	0.1612	1.61342
0.00854	0.47187	6.39022	0	0.63846	93.95466	0.19592
0.00854	0.47187	6.39022	0	0.63846	93.95466	0.19592
0.00854	0.44375	1.68717	0	0.40676	27.17045	0.11834
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00854	0.44375	1.68717	0	0.40676	27.17045	0.11834
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.00854	0.44375	0	0	0.22678	0	0.11834
0.00854	0.44375	0	0	0.22678	0	0.11834
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0	0	0	0	0	27.17045	0
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0	0.00688	0.15804	0	0	0	0
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0	0.00688	0.12203	0	0	0	0
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0	0.00688	0.12203	0	0	0	0
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0	0.02124	0.98747	0	0.20152	6.0002	0
0	0	0.35809	0	0	0	0
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0	0.02124	0.62685	0	0.1912	6.0002	0
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0	0	0.32371	0	0.17499	0	0
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0	0.02124	0.01423	0	0.0162	6.0002	0
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0	0	0.05875	0	0.03018	0.43037	0.07758
0	0	0.05875	0	0.03018	0.43037	0.07758
0	0	0.01015	0	0	0.37623	0.07758
0	0	0.01015	0	0	0.37623	0.07758
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0	0.13471	0.06506	0	0.05138	0	0.02518
0	0.13471	0.06506	0	0.05138	0	0.02518
0	0.13471	0.06506	0	0.05138	0	0.02518
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0	0	0	0	0	0	0
0	0.10931	0	0	0.04304	0	0
0	0.0254	0.06506	0	0.00835	0	0.02518
0	0	0.04108	0	0	0	0

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0	0.01475	0	0	0.00089	0	0
0	0.01475	0	0	0.00089	0	0
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0	0	0.00035	0	0	0	0
0	0	0.01406	0	0.00745	0	0.00338
0	0	0.01406	0	0.00745	0	0.00338
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0	0	0.00958	0	0	0	0.0218
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
9.00E-05	3.82032	9.51406	0	0.54428	0.06658	3.76565
9.00E-05	3.82032	9.51406	0	0.54428	0.06658	3.76565
0	0	0	0	0	0	0.20194
0	0	0	0	0	0	0
0	0	0	0	0	0	0.20194
0	0	0	0	0	0	0.20194
0	0	0	0	0	0	0.20194
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
9.00E-05	3.82032	9.51406	0	0.54428	0.06658	3.56371
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	3.39533	0	0	0	3.56371
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	3.39533	0	0	0	3.56371
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
9.00E-05	3.82032	6.11872	0	0.54428	0.06658	0
0	0.02306	0	0	0.09245	0	0
0	0.02306	0	0	0.09245	0	0
0	0.46185	0.02158	0	0.08231	0.02221	0
0	0.46185	0.02158	0	0.08231	0.02221	0
0	0.06029	1.63483	0	0.01712	0	0
0	0	0	0	0	0	0
0	0.06029	1.63483	0	0.01712	0	0
0	0.17102	0	0	0	0	0
0	0.17102	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	2.54142	0	0	0	0	0
0	2.54142	0	0	0	0	0
9.00E-05	0.56268	4.46231	0	0.3524	0.04437	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0

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0	0	0	0	0	0	0
57.36112	80.38383	1.04103	0.31101	2.40933	0	34.86526
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0	0	0	0	0	0	0
0	0	0.02687	0	0.02693	0	0.1529
0	0	0.02687	0	0	0	0.1529
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0	0	0	0	0	0	0
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0	0	0.02687	0	0	0	0.1529
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0	0	0	0	0	0	0
0	0	0.02687	0	0	0	0.1529
0	0	0	0	0.02693	0	0
0	0	0	0	0.02693	0	0
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57.36112	80.38383	1.01416	0.31101	2.3824	0	34.67918
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57.33201	80.37772	0.9244	0	0.66234	0	34.67918
57.33201	80.37772	0.9244	0	0.66234	0	34.67918
0	0	0	0	0.2658	0	0.00972
0	0	0	0	0.21411	0	0.00552
0	0	0	0	0.21411	0	0.00552
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0	0.02085	0.04172	0	0	0	0.02323
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0	0.02085	0.04172	0	0	0	0.00093
0	0.02085	0.04172	0	0	0	0.00093
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57.33201	68.1169	0.87074	0	0.39653	0	34.63623
41.82532	45.33779	0.65632	0	0.17167	0	26.55293
41.82532	45.33779	0.65632	0	0.17167	0	26.55293
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15.5067	22.77911	0.21442	0	0.22487	0	8.08329
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0	10.43666	0.0043	0	0	0	0.01
0	10.43666	0.0043	0	0	0	0.01
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0.02911	0.00611	0.07577	0.31101	1.72006	0	0
0.02911	0.00611	0.07577	0.31101	1.72006	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02911	0.00611	0.07577	0.31101	1.72006	0	0
0	0.00075	0	0.12491	0.00377	0	0
0	0.00075	0	0.12491	0.00377	0	0
0	0	0	0.1861	0.00113	0	0
0	0	0	0.1861	0.00113	0	0
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0.02911	0.00536	0.07577	0	1.71516	0	0
0.02911	0.00536	0.07577	0	1.71516	0	0
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0	0	0.00935	0	0.21527	0	0.02833
0	0	0.00935	0	0.21527	0	0.02833
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0	0.08689	0	0	0	0.1454	0.12039
0	0.08689	0	0	0	0.1454	0.12039
0	0.08689	0	0	0	0.1454	0.12039

0	0.08689	0	0	0	0.1454	0.12039
0	0	0	0	0	0.1454	0.12039
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CHVR0C	CHVU3C	CHW2EC	CHW8FC	CHWLHC	CHWPJC	CHWQPC
100	99.77246	100	100	100	99.99162	100
0.01636	0.00191	75.34418	66.83033	0.07464	65.24255	70.29093
0.01636	0.00191	75.34418	66.83033	0.07464	65.24255	70.29093
0.01636	0.00191	0.83446	1.71365	0.07464	0.01915	0.06517
0	0	0	0.04931	0	0.0124	0.03919
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.04931	0	0.0124	0.03919
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.04931	0	0.00949	0.0016
0	0	0	0.04931	0	0.00949	0.0016
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00291	0.03759
0	0	0	0	0	0.00291	0.03759
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0.00032	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0.01636	0.00191	0	0	0.05791	0.00643	0.02599
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01636	0.00191	0	0	0.05791	0.00643	0.02599
0.00992	0.00191	0	0	0.05791	0.00355	0.01316
0.00992	0.00191	0	0	0.05791	0.00355	0.01316
0.00644	0	0	0	0	0.00287	0.01283
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0	0	0.83446	1.66434	0.01673	0	0
0	0	0	1.53106	0.01612	0	0
0	0	0.83446	0.13328	0.0006	0	0
0	0	0.00049	0	0	0	0
0	0	0.00049	0	0	0	0
0	0	0.83397	0.13328	0.0006	0	0
0	0	0.83397	0.13328	0.0006	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	74.50972	65.11362	0	62.29602	70.17561

0	0	74.50972	65.11362	0	62.29602	70.17561
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	74.50972	65.11362	0	62.29602	70.17561
0	0	0	0	0	9.65733	0
0	0	0	0	0	9.65733	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.06162
0	0	0	0	0	0	0.06162
0	0	0	0	0	10.33892	23.56432
0	0	0	0	0	10.33892	23.56432
0	0	74.50972	0	0	22.51858	5.77281
0	0	74.50972	0	0	22.51858	5.77281
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0	0	0	65.11362	0	0	0
0	0	0	65.11362	0	0	0
0	0	0	0	0	19.78119	40.77685
0	0	0	0	0	19.78119	40.77685
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0	0	0	0.00305	0	2.92738	0.05015
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0	0	0	0	0	0	0

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0	0	0	0.00305	0	0.00257	0.00144
0	0	0	0.00305	0	0.00257	0.00144
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0	0	0	0	0	9.95447	6.09043
0	0	0	0	0	9.95447	6.09043
0	0	0	0	0	9.95447	6.09043
0	0	0	0	0	8.1056	4.54791
0	0	0	0	0	8.1056	4.54791

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0	0	0	0	0	0.15516	0.00286
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0	0	0	0	0	1.02058	0.04132

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0	0	0	0	0	0	0.0312
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0	0	0	0	0	0	1.49316
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0	0	0	0	0	0	0

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0	0	0	0	0	9.00E-05	0
0	0	0	0	0	9.00E-05	0
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0	0	0	0	0	0	0.00888
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0	0	0	0	0	0	0.00815
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0	0	0	0	0	0	0.00072
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99.25744	0.73401	3.76679	14.23046	6.79572	5.26497	1.54216
25.21527	0.73401	2.05171	11.66598	3.12264	0.73184	0.18976
0.12439	0.6719	1.74888	0.10152	1.75873	0.0013	0.00828
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0	0	0	0	0	0	0
0	0	0	0	0.01042	0	0.00048
0	0	0	0	0.01042	0	0.00048
0	0	0	0	0.00857	0	0
0	0	0	0	0.00857	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00185	0	0.00048
0.12439	0.6719	1.74888	0.10152	1.74831	0.0013	0.0078
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.12439	0.6719	1.74888	0.10152	1.74831	0.0013	0.0078
0	0	0	0.00647	0	0	0
0	0	0	0.00647	0	0	0
0.12439	0.6658	0.58294	0.03126	1.66867	0	0.0078
0.12439	0.6658	0.58294	0.03126	1.66867	0	0.0078
0	0	0	0	0	0.0013	0
0	0	0	0	0	0.0013	0
0	0	0	0.06379	0.07964	0	0
0	0	0	0.06379	0.07964	0	0
0	0.00611	1.16594	0	0	0	0
0	0.00611	1.16594	0	0	0	0

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25.09088	0.06211	0.30283	11.56446	1.36391	0.73054	0.18148
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0	0	0	0	0	0.00112	0.00028
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00112	0.00028
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0	0	0	0	0	0	0
0	0	0	0	0	0.0001	0
0	0	0	0	0	0.0001	0
0	0	0	0	0	0.00102	0.00028
12.56928	0	0.13558	0.95507	0.10781	0.38215	0
12.56928	0	0.13558	0.95507	0.10781	0.38215	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.10126	0	0
0	0	0	0	0.10126	0	0
0	0	0	0.95507	0	0	0
0	0	0	0.95507	0	0	0
12.56928	0	0.13558	0	0.00655	0.37851	0
12.56928	0	0.13558	0	0.00655	0.37851	0
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1.52168	0	0	7.00555	0	0	0.10992
1.52168	0	0	7.00555	0	0	0.10992
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1.52168	0	0	0	0	0	0
1.52168	0	0	0	0	0	0
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0	0	0	3.56252	0	0	0
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0	0	0	0	0	0	0
0	0	0	3.44302	0	0	0.10992
0	0	0	3.44302	0	0	0.10992
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
10.99991	0.06211	0.16725	3.60384	1.25609	0.34727	0.07128
0	0.01412	0	0	0	0.25788	0
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0	0	0	0	0	0	0
0	0.01412	0	0	0	0.25788	0
0	0.01412	0	0	0	0.25788	0
10.99991	0.04798	0.16725	3.60384	1.25609	0.08939	0.07128
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0.00153	0	0	0	0	0	0
0.00153	0	0	0	0	0	0
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0	0	0	0	0	0	0
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0.00941	0	0.02306	0.00313	0.00304	0.02136	0.00429
0.00941	0	0.02306	0.00313	0.00304	0.02136	0.00429
1.42563	0	0	0	0.12307	0.00427	0.01394
1.42563	0	0	0	0.12307	0.00427	0.01394
0	0	0	0	0	0.02487	0

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0	0	0	0	0	0	0
9.51582	0	0.14418	0.15682	1.11055	0.02959	0.05305
9.51582	0	0.14418	0.15682	1.11055	0.02959	0.05305
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0	0	0	0	0	0	0
0.00057	0.04798	0	0	0	0.0093	0
0.00057	0.04798	0	0	0	0.0093	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04695	0	0	0	0.01943	0	0
0.04695	0	0	0	0.01943	0	0
0.02415	0	1.39996	0	2.05876	1.97772	0.0704
0.02415	0	1.39996	0	2.05876	1.97772	0.0704
0	0	1.35942	0	0.91112	0.12026	0.06782
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0	0	1.35942	0	0.91112	0.12026	0.06782
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0.02415	0	0	0	1.14764	0.10159	0
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0.03763	0	0	0	0	0.18724	0.0934
0.03763	0	0	0	0	0.18724	0.0934
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0.03763	0	0	0	0	0.02387	0.0934
0.01866	0	0	0	0	0	0.02046

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0.01692	0	0	0	0	0	0
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0.00205	0	0	0	0	0	0.07294
0.00205	0	0	0	0	0	0.07294
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0	0	0	0	0	0	0
73.9804	0	0.31513	2.56447	1.61433	2.36817	1.1886
73.9804	0	0.31513	2.56447	1.61433	2.36817	1.1886
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
73.9804	0	0.31513	2.56447	1.61433	2.36817	1.1886
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73.97826	0	0.31513	2.56447	1.61433	2.31302	1.1886
0.00545	0	0	0.05892	0.16199	1.00009	0.00197
0.00545	0	0	0.05892	0.16199	1.00009	0.00197
4.05967	0	0	0.03173	0.16897	0.36747	0.20801
4.05967	0	0	0.03173	0.16897	0.36747	0.20801
14.10895	0	0.08732	0.5694	0.14318	0.05243	0.0085
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14.10895	0	0.08732	0.5694	0.14318	0.05243	0.0085
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55.80419	0	0.22781	1.90443	1.14019	0.89302	0.97013
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0.72619	99.03654	20.88903	18.93922	93.12964	19.52964	22.07545
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0	0	0	0	0	0.00223	0.0002
0	0	0	0	0	0.00223	0.0002
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0.72619	99.03654	20.88903	18.93922	93.12964	17.53002	20.44064
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0	0.02732	20.32009	18.15081	93.12964	17.12276	19.20164
0	0.02732	20.32009	18.15081	93.12964	17.12276	19.20164
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0	0.02528	2.96779	0	0.02351	3.28326	0
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0	0	0	0	46.60881	0.03443	14.7005
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0	0	16.59988	0	27.31093	2.41986	0.00286
0	0	16.59988	0	27.31093	2.41986	0.00286
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0	0	0	18.15081	0	0	0
0	0	0	18.15081	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.72619	99.00922	0.11901	0.78841	0	0	1.23901
0.72619	99.00922	0.11901	0.78841	0	0	1.23901
0.00084	13.91311	0	0	0	0	0.00167
0.00084	13.91311	0	0	0	0	0.00167
0	0	0	0	0	0	0
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0.72535	85.09611	0.11901	0.78841	0	0	1.23734
0	0	0.04177	0.02319	0	0	0.00424
0	0	0.04177	0.02319	0	0	0.00424
0	0	0.04311	0.02639	0	0	0.00323
0	0	0.04311	0.02639	0	0	0.00323
0	0	0	0	0	0	0.00292
0	0	0	0	0	0	0.00292
0.72535	0	0.03413	0.73883	0	0	1.22695
0.72535	0	0.03413	0.73883	0	0	1.22695
0	85.09611	0	0	0	0	0
0	85.09611	0	0	0	0	0
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0	0	0	0	0	0.23693	0
0	0	0	0	0	0.22071	0
0	0	0	0	0	0.21456	0
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0	0	0	0	0	0.00642	0
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0	0	0.44992	0	0	0.17033	0
0	0	0.44992	0	0	0.17033	0
0	0	0.44992	0	0	0.17033	0
0	0	0.43938	0	0	0.16655	0
0	0	0.43938	0	0	0.16655	0
0	0	0.01055	0	0	0.00378	0
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0	0.22754	0	0	0	0.00838	0
0	0.22754	0	0	0	0.00838	0
0	0.22754	0	0	0	0.00838	0

0	0.22754	0	0	0	0.00713	0
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0	0.01695	0	0	0	0.00713	0
0	0.01695	0	0	0	0.00713	0

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0	0.07651	0	0	0	0	0
0	0.07651	0	0	0	0	0
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0	0.04391	0	0	0	0	0
0	0.04391	0	0	0	0	0
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CHWRPC	CHX8EC	CHXI6C	CHXS8C	CHXTQC	CHYATC	CHYD7C
100	100	99.74709	99.97418	100	100	100
31.04609	0.22592	18.58868	35.73726	19.54896	89.47395	5.0675
31.04609	0.22592	18.58868	35.73726	19.54896	89.47395	5.0675
0.03399	0.22592	0.00438	0.00651	0.14207	0.0269	0.10091
0	0	0.00438	0	0.1322	0.02149	0.09277
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00438	0	0.03088	0.02149	0.09277
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0	0	0	0	0	0	0
0	0	0	0	0.007	0.00736	0.09277
0	0	0	0	0.007	0.00736	0.09277
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0	0	0	0	0	0	0
0	0	0.00438	0	0.02389	0.01413	0
0	0	0.00438	0	0.02389	0.01413	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.10131	0	0
0	0	0	0	0.10131	0	0
0	0	0	0	0.10131	0	0
0	0.00812	0	0.00256	0	0.0025	0
0	0.00812	0	0.00256	0	0.0025	0
0	0	0	0.00256	0	0	0
0	0	0	0.00256	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0.00812	0	0	0	0.0025	0
0	0.00812	0	0	0	0.0025	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03399	0.21779	0	0.00395	0.00987	0.00291	0.00814
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03399	0.21779	0	0.00395	0.00987	0.00291	0.00814
0.01458	0.09582	0	0.00395	0.00594	0.00256	0.00814
0.01458	0.09582	0	0.00395	0.00594	0.00256	0.00814
0.01941	0.12198	0	0	0.00394	0.00035	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
25.88501	0	16.5548	35.72075	17.91164	89.37873	4.95125

25.88501	0	16.5548	35.72075	17.91164	89.37873	4.95125
0	0	0	0	0	0	0.52803
0	0	0	0	0	0	0.52803
0	0	0	0	0	0	0.52803
25.88501	0	16.5548	35.72075	17.91164	89.37873	4.42322
0	0	0	0.00837	0	0	0
0	0	0	0.00837	0	0	0
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0	0	0	0	0	0	0
0.48939	0	2.13433	3.00746	0	46.58876	0.0606
0.48939	0	2.13433	3.00746	0	46.58876	0.0606
0.21469	0	3.89318	29.36994	17.91164	0	0.82634
0.21469	0	3.89318	29.36994	17.91164	0	0.82634
0	0	0.00249	0.00026	0	0.05591	0
0	0	0.00249	0.00026	0	0.05591	0
0	0	0	0.18376	0	0	2.93032
0	0	0	0.18376	0	0	2.93032
25.15988	0	6.11442	3.15096	0	32.36782	0.60595
25.15988	0	6.11442	3.15096	0	32.36782	0.60595
0	0	0	0	0	0	0
0.02105	0	4.41038	0	0	10.36623	0
0.02105	0	4.41038	0	0	10.36623	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
5.1271	0	2.02949	0.01	1.49525	0.06833	0.01534
5.1271	0	2.02949	0.01	1.49525	0.06833	0.01534
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0	0	0	0	0.67687	0	0
0	0	0	0	0.67687	0	0

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0	0	0	0.00377	0.00282	0	0.01122
0	0	0	0.00377	0.00282	0	0.01122
0	0	0	0	0	0	0
0	0	0	0	0	0	0
5.11128	0	0.00267	0	0	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
5.11128	0	0.00067	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0.01581	0	2.02402	0	0.81556	0.06833	0.00412
0	0	0.10572	0	0.42574	0.00352	0
0	0	0.10572	0	0.42574	0.00352	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01581	0	1.91831	0	0.38982	0.06481	0.00412
0	0	0.0028	0.00623	0	0	0
0	0	0.0028	0.00623	0	0	0
0	0	0.0028	0.00623	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
16.61559	0	47.62273	7.45066	0	5.37909	0.02754
16.61559	0	47.62273	7.45066	0	5.37909	0.02754
16.61559	0	47.62273	7.45066	0	5.37909	0.02754
16.48846	0	45.60231	7.07632	0	2.83942	0
16.48846	0	45.60231	7.07632	0	2.83942	0

0.4798	0	0.7512	4.04379	0	0	0
0.4798	0	0.7512	4.04379	0	0	0
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0.10946	0	1.2047	0	0	0.04838	0
0.10946	0	1.2047	0	0	0.04838	0
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15.72157	0	0.02248	3.03134	0	2.09051	0
15.72157	0	0.02248	3.03134	0	2.09051	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.17731	0	43.62392	0	0	0.69932	0
0.17731	0	43.62392	0	0	0.69932	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0.00031	0	0	0.00036	0	0	0
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0	0	0	0	0	0.00121	0
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0	0	0.00596	0.0188	0	2.53296	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0188	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0188	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	2.53296	0
0	0	0	0	0	0.59622	0
0	0	0	0	0	0.59622	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.16347	0
0	0	0	0	0	0.16347	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	1.77326	0
0	0	0.00596	0	0	0	0
0	0	0	0	0	0	0

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0	0	0.00596	0	0	0	0
0	0	0.00596	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.35553	0	0.00671	0.02754
0	0	0	0.35553	0	0.00671	0.02754
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.04207	0	0	0
0	0	0	0.04207	0	0	0
0	0	0	0	0	0.00536	0
0	0	0	0	0	0.00536	0
0	0	0	0.31346	0	0	0.02754
0	0	0	0.31346	0	0	0.02754
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.00135	0
0	0	0	0	0	0.00135	0
0.12713	0	2.01447	0	0	0	0
0.12713	0	2.01447	0	0	0	0
0	0	0.02814	0	0	0	0
0	0	0.02814	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00342	0	1.40784	0	0	0	0
0.00342	0	1.40784	0	0	0	0
0.12371	0	0.57848	0	0	0	0
0.12371	0	0.57848	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
32.73196	21.103	22.95205	37.78405	54.27174	2.92907	46.2361
0.3642	18.46932	1.21761	3.21798	21.53436	0.10898	6.13698
0.02938	3.23106	0.00127	0.02422	0	0.00647	0.00341
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.01087	0	0	0
0	0	0	0.01087	0	0	0
0	0	0	0.01027	0	0	0
0	0	0	0.01027	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0006	0	0	0
0.02938	3.23106	0.00127	0.01335	0	0.00647	0.00341
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.02938	3.23106	0.00127	0.01335	0	0.00647	0.00341
0.01306	2.94814	0	0.01126	0	0.00091	0.00341
0.01306	2.94814	0	0.01126	0	0.00091	0.00341
0	0.21819	0	0.00209	0	0.00087	0
0	0.21819	0	0.00209	0	0.00087	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01632	0.06473	0.00127	0	0	0.00468	0
0.01632	0.06473	0.00127	0	0	0.00468	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.33482	15.23826	1.21634	3.19376	21.53436	0.10252	6.13358
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00101	0.00126	0.00699	0	0.00367
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00101	0.00126	0.00699	0	0.00367
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	7.00E-05	0	0	0
0	0	0	7.00E-05	0	0	0
0	0	0.00101	0.00119	0.00699	0	0.00367
0.03627	12.77086	1.10332	0.95916	8.15519	0	0.67561
0.03627	12.77086	1.10332	0.95916	8.15519	0	0.67561
0.00096	0	0.70053	0	0.08367	0	0
0.00096	0	0.70053	0	0.08367	0	0
0.00187	0	0.20539	0.004	0	0	0
0.00187	0	0.20539	0.004	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03344	0.06105	0.1974	0.92751	0.04738	0	0.67561
0.03344	0.06105	0.1974	0.92751	0.04738	0	0.67561
0	12.70981	0	0.02765	8.02414	0	0
0	12.70981	0	0.02765	8.02414	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	9.53497	0	0.95306
0	0	0	0	9.53497	0	0.95306
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0.12922
0	0	0	0	0	0	0.12922
0	0	0	0	0	0	0.69411
0	0	0	0	0	0	0.69411
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0	0	0	0	0	0	0
0	0	0	0	9.53497	0	0
0	0	0	0	9.53497	0	0
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0.12973
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.29855	2.4674	0.11202	2.23334	3.83721	0.10252	4.50124
0	0	0.01531	0.07005	0	0	3.69315
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.01531	0.07005	0	0	3.69315
0	0	0.01531	0.07005	0	0	3.69315
0.29855	2.4674	0.09671	2.16329	3.83721	0.10252	0.80809
0	0	0	0.05543	0	0	0
0	0	0	0.05543	0	0	0
0	0	0	0.00294	0	0	0
0	0	0	0.00294	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00465	0	0
0	0	0	0	0.00465	0	0
0	0	0	0.01247	0	0	0
0	0	0	0.01247	0	0	0
0	0	0	0.03775	2.14886	0	0
0	0	0	0.03775	2.14886	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00578	0.00293	0	0.03034	0	0.00493	0.00149
0.00578	0.00293	0	0.03034	0	0.00493	0.00149
0.22693	0	0.03041	0.43081	0.10405	0.00692	0.31077
0.22693	0	0.03041	0.43081	0.10405	0.00692	0.31077
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01818	2.21403	0.02078	1.18811	1.52229	0.08954	0.44641
0.01818	2.21403	0.02078	1.18811	1.52229	0.08954	0.44641
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.04551	0.00212	0	0	0
0	0	0.04551	0.00212	0	0	0
0	0	0	0.00089	0	0	0
0	0	0	0.00089	0	0	0
0.04766	0.25045	0	0.40245	0.05736	0.00113	0.04943
0.04766	0.25045	0	0.40245	0.05736	0.00113	0.04943
3.15181	2.55276	13.3876	8.44079	19.87999	0.03318	18.42556
3.15181	2.55276	13.3876	8.44079	19.87999	0.03318	18.42556
0.21525	2.55276	7.93523	5.51887	0.77675	0.03231	0.53305
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.21525	2.55276	7.93523	5.51887	0.77675	0.03231	0.53305
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01131	0	0.05914	0.03253	0	0	0
0.01131	0	0.05914	0.03253	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.11485	0	1.24491	3.73352	0	0	0
0.11485	0	1.24491	3.73352	0	0	0
0	0	0	0	0	0.03231	0
0	0	0	0	0	0.03231	0
0.06824	0	0.31775	0	0	0	0
0.06824	0	0.31775	0	0	0	0
0.00872	0	3.52622	0.1981	0	0	0
0.00872	0	3.52622	0.0141	0	0	0

0	0	0	0	0	0	0
0	0	0	0.184	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.01213	0	2.78721	0.13179	0.77675	0	0
0.01213	0	2.78721	0.13179	0.77675	0	0
0	1.89538	0	0.23214	0	0	0.53305
0	1.89538	0	0.23214	0	0	0.53305
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.65739	0	1.14944	0	0	0
0	0.65739	0	1.14944	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0.04136	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00636	0.00087	0
0	0	0	0	0.00471	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00389	0	0
0	0	0	0	0.00389	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.00082	0	0
0	0	0	0	0.00082	0	0
0	0	0	0	0.00165	0	0
0	0	0	0	0.00165	0	0
0	0	0	0	0.00165	0	0

0	0	0	0	0	0.00087	0
0	0	0	0	0	0.00087	0
0	0	0	0	0	0.00087	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.05547	0	1.21023	0.29404	1.74368	0	0.01914
0.00841	0	0.16454	0.00155	1.51543	0	0
0.00841	0	0.16454	0.00155	1.51543	0	0
0.00841	0	0.16454	0.00155	1.51543	0	0
0.04707	0	1.04569	0.29249	0.22824	0	0.01914
0.04707	0	1.04569	0.29249	0.22824	0	0.01914
0.04707	0	1.04569	0.29249	0.22824	0	0.01914
0	0	0.14985	0.40944	0	0	0.07335
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.14985	0.40944	0	0	0.07335
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.14985	0	0	0	0
0	0	0.14985	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.40944	0	0	0.07335
0	0	0	0.40944	0	0	0.07335
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.71722	0	1.64202	0.2157	16.25755	0	17.61253
0.08955	0	0.63417	0.00731	5.6501	0	0
0	0	0.00088	0	0	0	0
0	0	0.00088	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0.08955	0	0.63329	0.00731	5.6501	0	0
2.62767	0	1.00599	0.11278	8.42376	0	17.56958
0	0	0	0	0.00322	0	0
0	0	0	0	0.00322	0	0
0.00466	0	0.02809	0.00223	0	0	0
0.00466	0	0.02809	0.00223	0	0	0
2.5773	0	0.96487	0.09146	8.29785	0	17.19216
2.5773	0	0.96487	0.09146	8.29785	0	17.19216
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.04572	0	0.01303	0.01909	0.12269	0	0.37742
0.04572	0	0.01303	0.01909	0.12269	0	0.37742
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.02006	1.78889	0	0
0	0	0	0	1.78889	0	0
0	0	0	0	1.78889	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.02006	0	0	0
0	0	0.00124	0.06109	0.39479	0	0.03601
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00985	0	0	0
0	0	0	0.00985	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0.0183	0	0
0	0	0	0	0.0183	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00024	0	0	0
0	0	0	0.00024	0	0	0
0	0	0	0	0.3267	0	0

0	0	0	0	0.3267	0	0
0	0	0.00124	0.0473	0	0	0
0	0	0.00124	0.0473	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00346	0.04979	0	0
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0	0	0	0.00024	0	0	0.03601
0	0	0	0.00024	0	0	0.03601
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.00062	0.01446	0	0	0.00611
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.00062	0.01446	0	0	0.00611
0	0	0	0	0	0	0.00082
0	0	0	0	0	0	0.00082
0	0	0	0	0	0	0.00082
0	0	0	0.05039	0	0	0
0	0	0	0.05039	0	0	0
0	0	0	0.05039	0	0	0
0	0	0.2168	0.44275	1.06792	0	0.08985
0	0	0.2168	0.44217	1.06459	0	0.08985
0	0	0.2168	0.41707	0.88058	0	0.08985
0	0	0.2168	0.41707	0.88058	0	0.08985
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.0251	0.18401	0	0
0	0	0	0.0251	0.18401	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00058	0.00333	0	0

0	0	0	0.00058	0	0	0
0	0	0	0.00058	0	0	0
0	0	0	0	0.00333	0	0
0	0	0	0	0.00333	0	0
0	0	0	0	0	0	0
0.16386	0	2.23348	1.5096	0.02773	0	0.09764
0.00694	0	0.0307	0	0.02773	0	0
0.00694	0	0.0307	0	0.02213	0	0
0.00694	0	0.0307	0	0.02213	0	0
0	0	0	0	0.00561	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	1.32042	0	0	0
0	0	0	1.32042	0	0	0
0.15692	0	2.20277	0.18918	0	0	0.09764
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.15692	0	2.20277	0.18918	0	0	0.09764
0	0	0	0	0	0	0
0	0	0	0	0	0	0
5.43661	0	3.1598	1.65155	8.54775	0	0
5.43661	0	3.1598	1.65155	8.54775	0	0
5.43661	0	3.1598	1.65155	8.54775	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
4.98334	0	1.20428	1.04888	8.49957	0	0
0	0	0.76007	0	0	0	0
0	0	0.76007	0	0	0	0
4.98334	0	0.4442	1.04888	8.49957	0	0
0.45327	0	1.95397	0.60267	0.04096	0	0
0.0094	0	0.07872	0.00301	0.00076	0	0

0.0094	0	0.07872	0.00301	0.00076	0	0
0.43419	0	0.36125	0.59367	0	0	0
0.43419	0	0.36125	0.59367	0	0	0
0	0	0.00531	0	0.02671	0	0
0	0	0.00531	0	0.02671	0	0
0.0089	0	1.22431	0.00507	0.01349	0	0
0.0089	0	1.22431	0.00507	0.01349	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.00077	0	0.28438	0.00093	0	0	0
0.00077	0	0.28438	0.00093	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0.00156	0	0.00723	0	0
0	0	0.00156	0	0.00723	0	0
0	0	0.00156	0	0.00723	0	0
23.77935	0.08092	5.18703	24.47373	4.30963	2.7869	21.67356
23.77935	0.08092	5.18703	24.47373	4.30963	2.7869	21.67356
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
23.77935	0.08092	5.18703	24.47373	4.30963	2.7869	21.67356
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.90753	0	0.71625	0	0.22575	2.26044	1.01008
0	0	0	0	0.22575	0	1.01008
0	0	0	0	0.22575	0	1.01008
0.90753	0	0.71625	0	0	2.26044	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
22.87181	0.08092	4.47079	24.47373	4.08388	0.52646	20.66347
0	0	0.00327	3.14711	0.37211	0.01018	6.6516
0	0	0.00327	3.14711	0.37211	0.01018	6.6516
0	0	0	0.46509	0.66289	0.11993	0.71075
0	0	0	0.46509	0.66289	0.11993	0.71075
0.07579	0.06269	0.33834	5.7279	0.02279	0.03781	1.14402
0	0	0	0	0	0	0
0.07579	0.06269	0.33834	5.7279	0.02279	0.03781	1.14402
22.79602	0	4.12917	0.62519	0	0	0.05316
22.79602	0	4.12917	0.62519	0	0	0.05316
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	1.70631
0	0	0	0	0	0	1.70631
0	0	0	0.33527	0	0	0
0	0	0	0.33527	0	0	0
0	0.01823	0	14.17316	3.02609	0.35854	10.39764
0	0	0	0.02034	0	0	0.01028
0	0	0	0.02034	0	0	0.01028
0	0	0	0.02034	0	0	0.01028
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.02034	0	0	0.01028
0	0	0	0.00109	0	0	0.0025
0	0	0	0	0	0	0.00158

0	0	0	0.00109	0	0	0.00092
0	0	0	0.00109	0	0	0.00092
0	0	0	0.01925	0	0	0.00778
19.512	78.67108	10.19862	18.98188	26.17931	2.21789	48.65858
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.07	0	0	0.13013
0	0	0	0.02864	0	0	0.13013
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0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0.02864	0	0	0.13013
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0.13013
0	0	0	0	0	0	0
0	0	0	0	0	0	0.13013
0	0	0	0.02864	0	0	0
0	0	0	0.04135	0	0	0
0	0	0	0.04135	0	0	0
0	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.04135	0	0	0
0	0	0	0.00794	0	0	0
0	0	0	0.00794	0	0	0
0	0	0	0.00823	0	0	0
0	0	0	0.00823	0	0	0
0	0	0	0.00267	0	0	0
0	0	0	0.00267	0	0	0
0	0	0	0.00056	0	0	0
0	0	0	0.00056	0	0	0
0	0	0	0.01026	0	0	0
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0	0	0	0.0117	0	0	0
0	0	0	0	0.62405	0	0
0	0	0	0	0.62405	0	0
0	0	0	0	0.62405	0	0
0	0	0	0	0.62405	0	0
0	0	0	0	0.59074	0	0
0	0	0	0	0.03332	0	0
0	0	0	0	0.03332	0	0
0	0	0	0	0	0	0
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0	0	0	0.00435	0	0	0.01172
0	0	0	0.00435	0	0	0.01172
0	0	0	0.00435	0	0	0.01172
0	0	0	0.00435	0	0	0.01172
0	0	0	0.0018	0	0	0.01172
0	0	0	0.0018	0	0	0.01172
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.00255	0	0	0
0	0	0	0.00255	0	0	0
19.512	78.67108	10.19862	18.90753	25.55525	2.21789	48.51672
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
19.512	76.925	10.19862	10.31802	25.44536	1.92537	48.50904
19.512	76.925	10.19862	10.31802	25.44536	1.92537	48.50904
0	0	0.15691	1.64882	0	0	0.67043
0	0	0.1001	1.40673	0	0	0.60732
0	0	0.1001	1.40673	0	0	0.60732
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.05681	0.24209	0	0	0.06311
0	0	0	0	0.00501	0	0
0	0	0	0	0.00139	0	0
0	0	0	0	0.00139	0	0
0	0	0	0	0.00362	0	0
0.11586	0	0.47631	0.24378	0	0.11456	7.5572
0	0	0	0.00835	0	0	0
0	0	0	0.00835	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.11586	0	0.47631	0.23543	0	0.11456	7.5572
0.11586	0	0.47631	0.23543	0	0.11456	7.5572
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0

0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
2.53952	0	9.22543	7.00729	21.06969	1.37733	33.2515
1.63782	0	7.27859	4.80935	16.2917	0.86777	24.93607
1.63782	0	7.27859	4.80935	16.2917	0.86777	24.93607
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.9017	0	1.94684	2.19794	4.77799	0.50956	8.31543
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
16.84128	76.925	0.261	1.39168	4.37066	0.05273	6.94395
0	63.18068	0.12331	0.01542	2.34417	0	0.37649
0	63.18068	0.12331	0.01542	2.34417	0	0.37649
16.84128	0	0.03355	1.35791	0.48446	0.00239	4.24558
16.84128	0	0.03355	1.35791	0.48446	0.00239	4.24558
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	13.74432	0.10414	0.01835	1.54203	0.05034	2.32188
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0.01534	0	0.07897	0.02645	0	0	0
0.01534	0	0.07897	0.02645	0	0	0
0.01534	0	0.07897	0.02645	0	0	0
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0	0	0	0	0	0.38074	0

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0	0	0	0	0	0	0.08596
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0	0	0	0	0	0	0
0	0	0	0	0	0	0.08596
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0	0	0	0	0	0	0
0	1.74608	0	8.5861	0.10989	0.29252	0.00506
0	1.74608	0	8.5861	0.10989	0.29252	0.00506
0	0	0	0.0075	0	0	0
0	0	0	0.0075	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	1.74608	0	8.5786	0.10989	0.29252	0.00506
0	0.00033	0	0.40308	0	0	0
0	0.00033	0	0.40308	0	0	0
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0	0	0	0	0	0	0
0	0	0	0.05606	0	0	0
0	0	0	0.05606	0	0	0
0	1.74575	0	8.10721	0.10989	0.29252	0.00506
0	1.74575	0	8.10721	0.10989	0.29252	0.00506
0	0	0	0.01226	0	0	0
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0.09436	0	0.38502	0	0	0	0
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72.05731	3.25849	0.45058	0.08173	2.06389
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1.4758	0.28603	0.19965	0.02861	0.04471
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70.07256	2.41492	0.1484	0.05312	1.45608
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8.41341	0.02768	7.43126	0.66816	56.01587
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8.41341	0.02768	7.40032	0.66816	55.83755
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0.23911	0.00518	0.37242	0.05656	3.87969
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18.42026	0.33706	48.6664	98.97237	3.52771
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14.87382	0.29209	48.65901	98.97237	3.52771
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0.013	0	48.65901	98.96805	3.18894
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14.86082	0.29209	0	0.00432	0.33877
14.86082	0.29209	0	0.00432	0.33877
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0	0	0	0	0
0	0	0	0	0

0	0	0	0	0
0	0	0	0	0
0	0	0	0	0
0	0	0	0	0

Antibiotic resistance genes (ARGs) identifed by sample and c

#ARG CARD ID	CHCC2C	CHRQ5C
gb|NP_252410_1|ARO_3000818|nalC	0	0
gb|BAE06005_1|ARO_3003704|mexM	0	0.04731425
gb|CAA37052_1|ARO_3002995|ROB-1	0	0
gb|AAC41449_1|ARO_3001398|OXA-3	0	0
gb|AAR20595_1|ARO_3000090|BLA1	0	0
gb|ANZ79241_1|ARO_3004036|tetB(60)	0	0
gb|BAO21229_1|ARO_3003199|AAC(6_)-Iak	0	0
gb|ANP63073_1|ARO_3003741|mphD	0	0
gb|AEV91550_1|ARO_3001710|OXA-211	0	0
gb|AAA22562_1|ARO_3002878|BcII	0	0
gb|AIN56719_1|ARO_3002496|OXA-418	0	0
gb|NP_252408_1|ARO_3004056|ArmR	0	0
gb|NP_249397_1|ARO_3002679|catB7	0	0
gb|NP_216424_1|ARO_3003392|Mycobacterium	0	0
gb|CCP46182_1|ARO_3003035|mfpA	0	0
gb|AAL51021_2|ARO_3002598|ANT(3__)-Ii-AAC(6_)-IId	0	0
gb|ADQ43421_1|ARO_3002646|APH(3_)-IIc	0	0
gb|AAO82019_1|ARO_3002916|vanV	0	0
gb|AAB49832_1|ARO_3002636|APH(2__)-IIIa	0	0
gb|ACS44784_1|ARO_3002185|MOX-6	0	0
gb|AAK60186_1|ARO_3003014|dfrA16	0	0.16745533
gb|AAA22081_1|ARO_3002670|cat	0	0
gb|AAB57788_1|ARO_3000464|Neisseria	0	0
gb|ACR57831_1|ARO_3003022|dfrB3	0	0
gb|YP_208330_1|ARO_3003929|Neisseria	0	0
gb|AAB05623_1|ARO_3002932|vanSB	0	0
gb|ADM92606_1|ARO_3000549|adeS	0	0
gb|AAA26793|ARO_3003748|oleC	0	0
gb|ABX54688_1|ARO_3002968|vanXYL	0	0
gb|AAD51344_1|ARO_3003051|smeA	0	0
gb|AAD51346_1|ARO_3003053|smeC	0	0
gb|CAA39038_1|ARO_3002553|AAC(6_)-If	0	0
gb|WP_002333496_1|ARO_3004085|lnuG	0	0
gb|AAA26613_1|ARO_3002670|cat	0	0
gb|ABW70410_1|ARO_3001644|OXA-113	0	0
gb|BAA37152_1|ARO_3003702|Pseudomonas	0	0
gb|AHV80711_1|ARO_3002863|dfrA8	0	0
gb|AFC91828_1|ARO_3003041|Streptococcus	0	0

gb|AAO16462_1|ARO_3000167|tet(C)	0	0
gb|YP_207769_1|ARO_3003928|Neisseria	0	0
gb|AAN28721_1|ARO_3002871|tet37	0	0
gb|AHB39758_1|ARO_3003013|dfrA15	0	0
gb|YP_002002225_1|ARO_3000817|mtrR	0	0
gb|CCP46624_1|ARO_3003326|Mycobacterium_gb|AAK48268	0	0
gb|CAC14596_1|ARO_3003057|smeF	0	0
gb|CAC14595_1|ARO_3003056|smeE	0	0
gb|CAE50926_1|ARO_3002590|AAC(6_)-Iih	0	0
gb|AHH83938_1|ARO_3000013|vanB	0	0
gb|AAF86691_1|ARO_3001816|ACC-2	0	0
gb|ABD73290_1|ARO_3001920|CTX-M-59	0	0
gb|AAD51347_1|ARO_3003067|smeS	0	0
gb|ABR14060_1|ARO_3002838|lnuD	0	0
gb|AGV28567_1|ARO_3000559|adeN	0	0
gb|AAD51348_1|ARO_3003066|smeR	0	0
gb|YP_007503908_1|ARO_3003306|Morganella	0	0
gb|AFC91898_1|ARO_3003043|Streptococcus	0	0
gb|CAC14594_1|ARO_3003055|smeD	0	0
gb|AAD51345_1|ARO_3003052|smeB	0	0
gb|AJF82049_1|ARO_3003573|LpxA	0	0
gb|ABA71731_1|ARO_3002909|vanG	0	0
gb|AAA65957_1|ARO_3002949|vanXA	0	0
gb|ABA71732_1|ARO_3003069|vanXYG	0	0
gb|AAA65959_1|ARO_3002962|vanZA	0	0
gb|CBH51823_1|ARO_3000556|tet44	0	0
gb|YP_002325610_1|ARO_3000774|adeA	0	0
gb|AAA65956_1|ARO_3000010|vanA	0	0
gb|ADX95999_1|ARO_3002873|FosB3	0	0
gb|CBH51824_1|ARO_3002629|ANT(6)-Ib	0	0
gb|ABA71733_1|ARO_3002972|vanTG	0	0
gb|EEX02086|ARO_3004089|ANT(3__)-IIa	0	0
gb|AAA65958_1|ARO_3002955|vanYA	0	0
gb|AAA65955_1|ARO_3002942|vanHA	0	0
gb|AAA65954_1|ARO_3002931|vanSA	0	0
gb|AAA65953_1|ARO_3002919|vanRA	0	0
gb|CAA63498_1|ARO_3002670|cat	0	0
gb|CAP69659_1|ARO_3003017|dfrA21	0	0
gb|AJD73064_1|ARO_3001301|RlmA(II)	0	0
gb|Q8DWT2|ARO_3003774|Streptococcus	0	0
gb|NP_358969_1|ARO_3000025|patB	0	0

gb|YP_001440920_1|ARO_3000746|mepR	0	0
gb|ADM92605_1|ARO_3000553|adeR	0	0
gb|YP_001713101_1|ARO_3000779|adeH	0	0
gb|ADJ67256|ARO_3003319|Staphylococcus	0	0
gb|AAD22403_1|ARO_3002970|vanTC	0	0
gb|NP_359110_1|ARO_3003042|Streptococcus	0	0
gb|YP_040771_1|ARO_3003315|Staphylococcus	0	0
gb|YP_039996_1|ARO_3003285|Staphylococcus_gb|YP_03999	0	0
gb|WP_004746565_1|ARO_3003848|ADC-2	0	0
gb|YP_001315192_1|ARO_3000347|ErmA	0	0
gb|AAX14803_1|ARO_3000782|adeK	0	0
gb|AAF61331_1|ARO_3002966|vanXYC	0	0
gb|YP_500802_1|ARO_3003074|Staphylococcus	0	0
gb|YP_001332362_1|ARO_3000838|arlR	0	0
gb|YP_002325611_1|ARO_3000775|adeB	0	0
gb|WP_001025093|ARO_3003323|Staphylococcus	0	0
gb|YP_186749_1|ARO_3000489|sav1866	0	0
gb|AEG74319_1|ARO_3002794|QnrS5	0	0
gb|AAV80464_1|ARO_3000565|tet(38)	0	0
gb|AAP69916_1|ARO_3001780|OXA-85	0	0
gb|ACG70184_1|ARO_3002788|QnrD1	0	0
gb|AAP93922_1|ARO_3000569|tet(41)	0	0
gb|YP_039483_1|ARO_3003296|Staphylococcus	0	0
gb|ALH22601_1|ARO_3000620|adeL	0	0
gb|CAA67349_1|ARO_3003359|Streptomyces	0	0.24754266
gb|YP_499945_1|ARO_3000839|arlS	0	0
gb|AAF01499_1|ARO_3000193|tetT	0	0
gb|AAU95768_1|ARO_3000026|mepA	0	0
gb|AAA25293_1|ARO_3000192|tetS	0	0
gb|AAA24786_1|ARO_3000368|vanC	0	0
gb|CAL44992_1|ARO_3002835|lnuA	0	0
gb|YP_002320475_1|ARO_3000780|adeI	0	0
gb|YP_002325052_1|ARO_3000768|abeS	0	0
gb|CAE00499_1|ARO_3003835|cdeA	0	0
gb|AEA37904_1|ARO_3003112|lsaC	0	0
gb|YP_039997_1|ARO_3003291|Staphylococcus	0	0
gb|AAN62561_1|ARO_3003970|D-Ala-D-Ala	0	0
gb|AAL12234_1|ARO_3003552|fusB	0	0
gb|YP_039482_1|ARO_3003301|Staphylococcus	0	0
gb|AHW42429_1|ARO_3002858|dfrA12	0	0
gb|YP_001706894_1|ARO_3000777|adeF	0	0

gb|AGI42804_1|ARO_3002836|lnuB	0	0
gb|BAD89844_2|ARO_3000753|abeM	0	0
gb|NP_358469_1|ARO_3000822|pmrA	0	0
gb|AJF83452_1|ARO_3003574|LpxC	0	0
gb|AAF86642_1|ARO_3002933|vanSC	0	0
gb|WP_002530866_1|ARO_3003974|Propionibacterium	0	0
gb|YP_009077553_1|ARO_3002680|catB8	0	0
gb|YP_001706893_1|ARO_3000778|adeG	0	0
gb|AAM09851_1|ARO_3002923|vanRD	0	0
gb|AFU35065_1|ARO_3003206|lsaE	0	0
gb|BAE15963_1|ARO_3002868|dfrG	0	0
gb|CAJ67339_1|ARO_3000186|tetM	0	0
gb|CAE50925_1|ARO_3002589|AAC(6_)-Iid	0	0
gb|AAF86641_1|ARO_3002922|vanRC	0	0
gb|YP_208874_1|ARO_3003930|rpsJ	0	0
gb|AAK63040_1|ARO_3002635|APH(2__)-IIa	0	0
gb|AFU35063_1|ARO_3002630|ANT(9)-Ia	0	0
gb|YP_008997281_1|ARO_3002626|ANT(6)-Ia	0	0.21898004
gb|AAX14802_1|ARO_3000781|adeJ	0	0
gb|AAV97957_1|ARO_3001933|CTX-M-72	0	0
gb|AAA26549_1|ARO_3002549|AAC(6_)-Ic	0	0
gb|AAA22904_1|ARO_3000578|CcrA	0	0
gb|AIA58911_1|ARO_3001396|OXA-1	0	0
gb|NP_462089_1|ARO_3003939|Salmonella	2.10110559	0
gb|AAK63041_1|ARO_3002559|AAC(6_)-Ip	0	0
gb|AET35493_1|ARO_3001777|OXA-347	0	0
gb|WP_014550864_1|ARO_3003953|hmrM	0	0
gb|YP_001086469_1|ARO_3003995|Clostridium	0	0
gb|ACC85616_1|ARO_3002804|FosA2	0	0.12377133
gb|AAD12753_1|ARO_3000177|tet(J)	0	0
gb|AIT76100_1|ARO_3002152|DHA-21	0	0
gb|BAA23130_1|ARO_3002493|SRT-1	0	0
gb|CAC81324_1|ARO_3003015|dfrA19	0	0
gb|YP_003283625_1|ARO_3000178|tet(K)	0	0.29250759
gb|NP_863643_1|ARO_3002597|AAC(6_)-Ie-APH(2__)-Ia	0	0
gb|AAA25655_1|ARO_3002670|cat	0	0
gb|AAK01167_1|ARO_3002819|msrC	0	0
gb|YP_001245420_1|ARO_3000215|mecR1	0	0.08414012
gb|CAC19929_1|ARO_3002854|dfrA1	0	0
gb|BAG75524_1|ARO_3003954|efmA	0	0
gb|AGN33258_1|ARO_3002829|vgaA	0	0

gb|YP_001569085_1|ARO_3000621|PC1	0	0.78394855
gb|ALL09868|ARO_3003092|Enterococcus	0	0
gb|BAD95494_1|ARO_3002895|SAT-1	0	0
gb|NP_373280_1|ARO_3000124|mecI	0	0
gb|CAE51638_1|ARO_3002641|APH(3_)-Ia	0	0
gb|AFK58561_1|ARO_3003079|Enterococcus	0	0
gb|AAD46626_1|ARO_3002596|AAC(6_)-IIc	0	0
gb|Q0SSM7|ARO_3003773|Clostridium	0	0
gb|ACT97415_1|ARO_3002999|CblA-1	2.08159706	0
gb|AAC78336_1|ARO_3002826|EreA2	0	0
gb|AAC36915_1|ARO_3000593|ErmQ	0	0
gb|YP_006938491_1|ARO_3003905|ANT(4_)-Ib	0	0.03342553
gb|AGC51118_1|ARO_3000617|mecA	0	0
gb|BAJ17544_1|ARO_3002069|CMY-59	0	0
gb|CAC41371_1|ARO_3000196|tet32	0	0
gb|AKN19287_1|ARO_3002578|AAC(6_)-Ib7	0	0
gb|AFK58562_1|ARO_3003078|Enterococcus	0	0
gb|YP_006374661_1|ARO_3003438|Enterococcus	0	0
gb|AAY32951_1|ARO_3002837|lnuC	0	0
gb|CAA52904_1|ARO_3002688|catS	0	0
gb|AET10445_1|ARO_3004033|tetB(46)	0	0.04424985
gb|ABG91835_1|ARO_3002860|dfrA17	0	0
gb|AGV10830_1|ARO_3002647|APH(3_)-IIIa	0	0
gb|YP_003281576_1|ARO_3000815|mgrA	0	1.00906624
gb|WP_009887863_1|ARO_3003357|Clostridium	0	0
gb|ACI32877_1|ARO_3002859|dfrA14	0	0
gb|AAB63533_1|ARO_3002556|AAC(6_)-Ii	0	0
gb|ABF66011_1|ARO_3002881|lmrC	0	0.93107679
gb|AAB53445_1|ARO_3002897|SAT-4	0	0
gb|YP_008997285_1|ARO_3000615|mefA	0	0
gb|CDO61516_1|ARO_3003949|efrB	0	0
gb|AET10444_1|ARO_3004032|tetA(46)	0	0
gb|AFK31666_1|ARO_3000567|tet(40)	55.7168179	0
gb|YP_007503840_1|ARO_3000165|tet(A)	0	0
gb|CAE51745_1|ARO_3000168|tet(D)	0	0
gb|AAL08441_1|ARO_3002670|cat	26.0851545	0
gb|AAA98296_1|ARO_3000250|ErmC	0	0.11386962
gb|AAA22851_1|ARO_3000179|tet(L)	0	0
gb|ABF66027_1|ARO_3002882|lmrD	0	1.38959538
gb|WP_014065640_1|ARO_3003924|Haemophilus	0	0
gb|CAD09823_1|ARO_3003479|tetR	0	0

gb|AIJ27543_1|ARO_3002629|ANT(6)-Ib	0	0
gb|AAA98096_1|ARO_3000595|ErmT	0	0
gb|AET15272_1|ARO_3003197|aadA25	0	0.47445676
gb|AFK13828_1|ARO_3000823|ramA	0	4.37960083
gb|BAJ09383_1|ARO_3003046|qacA	0	0
gb|YP_005228001_1|ARO_3003968|Klebsiella	0	11.4516608
gb|CDO61513_1|ARO_3003948|efrA	0	0
gb|ACA23185_1|ARO_3000194|tetW	2.40126353	1.5941747
gb|AAO04716_1|ARO_3002865|dfrC	0	0.94891351
gb|CAQ03505_1|ARO_3001338|SHV-100	0	61.618993
gb|AAA20117_1|ARO_3000195|tetB(P)	0	0
gb|BAC11911_1|ARO_3003551|emeA	0	0
gb|AAG03357_1|ARO_3000596|ErmX	0	0
gb|CAA38525_1|ARO_3002535|AAC(3)-IIc	0	0
gb|AAF17880_1|ARO_3002605|aadA5	0	0
gb|AIT76113_1|ARO_3002174|MIR-9	0	1.36643546
gb|AAA20116_1|ARO_3000180|tetA(P)	0	0
gb|AFK13827_1|ARO_3000825|robA	0	0.351098
gb|AAS13767_1|ARO_3003839|Mrx	0	7.12558369
gb|AAS68233_1|ARO_3000391|norA	0	5.26028144
gb|AAT46077_1|ARO_3000300|lsaA	0	0
gb|BAA03776_1|ARO_3000316|mphA	0	6.7102178
gb|AAL78275_1|ARO_3002391|OXY-1-3	0	0
gb|AAA27471_1|ARO_3000205|tetX	35.8513443	43.5469634
gb|AAU10334_1|ARO_3002628|aad(6)	0	0
gb|AAD01868_1|ARO_3002867|dfrF	1.42033941	1.09791274
gb|AEJ33969_1|ARO_3000410|sul1	0	0.98103059
gb|AAC23556_1|ARO_3002660|APH(6)-Id	0	2.4924252
gb|AAF86219_1|ARO_3000375|ErmB	1.01940433	0
gb|AEL31272_1|ARO_3002756|QnrB41	0	3.84759459
gb|CAP12359_2|ARO_3002452|OKP-B-19	0	16.3687581
gb|AAA23033_1|ARO_3000190|tetO	69.3894536	17.8842288
gb|CAC41008_1|ARO_3004041|Klebsiella	0	67.3728595
gb|AAL59753_1|ARO_3000412|sul2	0	2.84674054
gb|YP_491919_1|ARO_3000508|gadX	8.5803346	0.48556816
gb|WP_041918279_1|ARO_3003925|Haemophilus	0	0
gb|AAD01867_1|ARO_3002875|dfrE	0	1.26521802
gb|AAC37034_1|ARO_3000522|ErmG	0	78.7598217
gb|AAC77293_1|ARO_3001214|mdtM	0	0
gb|AJE60855_1|ARO_3003209|FosA5	0.41688603	15.4989207
gb|ABK33456_1|ARO_3002639|APH(3__)-Ib	0	5.69348108

gb|NP_461214_1|ARO_3003926|Salmonella	0	1.42337027
gb|YP_002743273_1|ARO_3000616|mel	0	0
gb|NP_415372_1|ARO_3003751|Escherichia	20.948523	1.0675277
gb|AMP35312_1|ARO_3002831|vgaC	0	29.3685319
gb|YP_003971446|ARO_3003730|Bifidobacteria	0	11.8614189
gb|ABR75897_1|ARO_3003373|Klebsiella	0	54.2675387
gb|AAA88675_1|ARO_3000498|ErmF	775.408016	34.1608865
gb|ABR76005_1|ARO_3003380|Klebsiella	0	118.614189
gb|ANK04027_1|ARO_3003838|gadW	0	2.10580807
gb|AFH35853_1|ARO_3001328|mdfA	37.9146874	1.1986276
gb|NP_899170_1|ARO_3000599|Erm(33)	0	1.89782703
gb|AAC74603_2|ARO_3003378|Escherichia	30.9537877	0.68321773
gb|AAA21532_1|ARO_3003559|cepA	0	0
gb|YP_489201_1|ARO_3003390|Escherichia	0	2.27739243
gb|NP_417969_1|ARO_3003834|gadE	33.8390085	1.02698868
gb|NP_416292_1|ARO_3002818|msrB	31.2664523	0.94891351
gb|NP_309766_1|ARO_3000676|H-NS	44.6826027	1.03517838
gb|NP_415222_1|ARO_3003841|kdpE	0	0
gb|NP_311275_1|ARO_3000832|evgA	47.9284455	1.10196408
gb|AHA80960_1|ARO_3001388|TEM-211	63.1582336	2.6277605
gb|ACT97371_1|ARO_3003097|CfxA6	29.5155309	149.782349
gb|YP_001693237_1|ARO_3003922|oqxA	0	169.008094
gb|AAC75314_1|ARO_3003578|PmrF	47.2436094	1.85987049
gb|NP_416715_1|ARO_3003952|YojI	23.4123195	1.49657217
gb|YP_490321_1|ARO_3000828|baeR	50.8221969	1.62670888
gb|NP_415632_1|ARO_3003844|mfd	53.9569633	1.08447259
gb|BAA11236_1|ARO_3000206|emrK	55.8466939	0.98541019
gb|YP_005226137_1|ARO_3003966|Klebsiella	0	181.550878
gb|AAC75315_1|ARO_3002985|arnA	25.1093663	1.13556793
gb|CDO13981_1|ARO_3003585|Klebsiella	0.15633226	104.499101
gb|CAA77936_1|ARO_3004039|Escherichia	47.3686752	1.0675277
gb|NP_414997_1|ARO_3003807|Escherichia	55.5407342	3.0724412
gb|BAE78083_1|ARO_3003549|mdtO	56.6313616	0.63260901
gb|ACN32294_1|ARO_3000237|tolC	55.2734028	2.16093487
gb|AAC74149_2|ARO_3001216|mdtH	54.5741712	1.29397297
gb|AAC75138_1|ARO_3001330|mdtD	51.9916435	0.81335444
gb|AAC76298_1|ARO_3000502|acrF	52.2274818	1.5941747
gb|AAC75135_2|ARO_3000792|mdtA	65.4890054	0.51758919
gb|AAC75733_1|ARO_3000074|emrB	46.6912354	0.94891351
gb|BAE78116_1|ARO_3003576|PmrC	80.2207832	1.22003166
gb|AAC76539_1|ARO_3000796|mdtF	65.5779851	2.84674054

gb|NP_414618_4|ARO_3003843|leuO	79.8949815	0.33491065
gb|AAC76296_1|ARO_3000656|acrS	69.4930887	2.47542656
gb|AAC75429_1|ARO_3000833|evgS	60.0315883	1.70804433
gb|NP_415804_1|ARO_3004045|antibiotic	56.4087581	3.05818323
gb|BAA11237_1|ARO_3000254|emrY	59.2159417	1.51826162
gb|NP_460903_1|ARO_3000826|sdiA	31.8917813	60.0187798
gb|NP_417544_5|ARO_3000024|patA	78.1990427	2.39725519
gb|NP_418486_1|ARO_3003511|Escherichia	59.6272402	2.76112429
gb|YP_001693238|ARO_3003923|oqxB	0	215.640596
gb|BAE77781_1|ARO_3000795|mdtE	79.3998879	4.17474854
gb|NP_312864_1|ARO_3000830|cpxA	71.7565079	4.27011081
gb|AAC76733_1|ARO_3001215|mdtL	69.2348006	2.35165523
gb|BAE77595_1|ARO_3003303|Escherichia	93.0489619	4.55478487
gb|CAA79727_1|ARO_3000191|tetQ	341.141045	190.512636
gb|BAA15934_1|ARO_3000829|baeS	143.729476	7.8832815
gb|AAC75089_1|ARO_3003577|PmrE	154.119559	3.94164075
gb|YP_489794_1|ARO_3000263|marA	114.935479	7.87598217
gb|BAE78084_1|ARO_3003548|mdtN	136.679063	6.1001583
gb|BAE78082_1|ARO_3003550|mdtP	182.908746	3.01419587
gb|NP_415434_1|ARO_3003950|msbA	135.071074	6.56940125
gb|BAA16547_1|ARO_3000027|emrA	130.217121	4.69811726
gb|NP_414995_1|ARO_3000216|acrB	129.876032	6.56940125
gb|ABG77965_1|ARO_3004042|Enterobacter	72.0691724	130.396532
gb|AIL15701|ARO_3003775|Escherichia	164.509641	5.255521
gb|AAC76297_1|ARO_3000499|acrE	152.387878	5.255521
gb|AAC75137_1|ARO_3000794|mdtC	161.04628	3.94164075
gb|BAE77933_1|ARO_3000518|CRP	65.830094	107.399757
gb|AAC75136_1|ARO_3000793|mdtB	161.04628	5.255521
gb|NP_417169_1|ARO_3000516|emrR	108.970383	46.1070299
gb|NP_312937_1|ARO_3003288|Escherichia	60.0315883	137.782242
gb|CDJ72593|ARO_3003889|Escherichia	154.119559	3.94164075
gb|AAC77033_1|ARO_3003381|Escherichia	123.815151	7.11685136
gb|AAC76093_1|ARO_3002986|bacA	185.289806	11.8249223
gb|NP_415611_1|ARO_3004049|antibiotic	181.826445	9.19716175
gb|YP_489321_1|ARO_3001329|mdtG	152.387878	12.0439023
gb|YP_491362_1|ARO_3003386|Escherichia	174.899724	9.19716175
gb|EFF04178_1|ARO_3000309|emrD	207.801652	9.19716175
gb|YP_490697_1|ARO_3000491|acrD	197.411569	7.8832815
gb|CDJ73208|ARO_3003890|Escherichia	130.150006	233.164553
gb|NP_462096_1|ARO_3003317|Salmonella	168.838842	13.6643546
gb|AAN82549_1|ARO_3003369|Escherichia	438.98099	22.2045762

expressed in RPKM

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0	11.9113464	31.5097295	31.9694355	0.2797951	0	0
1.4449464	22.2947511	0	0	230.508114	0	0
34.7857467	0	0	1.49546178	0	0	0
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153.057285	0	0	23.553523	0	0	76.2918813
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1.5653586	0	0	11.4402826	0	0	0.20135687
0	1.5335014	1.50354434	32.3019744	519.999186	81.692488	0.1610855
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0	52.3596953	86.8864744	17.2838802	0	0	161.925691
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94.1120814	0	18.6157584	14.4685927	0	0	39.4834561
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0	37.0058101	145.685534	69.4209098	0	0	0
0	3.57816993	0	0	0	33.7800161	0.89491943
0	43.3853104	127.832593	57.2014129	0	0	0
0	0.76076046	0	0	0	0	0
0	36.9267137	120.403831	64.2674698	0	0	0
0	52.1269155	142.1349	87.2076642	0	0	0
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0	9.9677591	0	230.358631	0	0	0.17509293
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0	70.6375472	199.493396	97.8312401	0.12241036	0	0
0	74.7351907	259.451612	61.4410471	0.20984632	0	0.08054275
0	64.4070588	192.704267	97.7391089	0	0	0
0	66.4517273	218.01393	101.905038	0	0	0
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0	0	54.8167209	37.2650381	0	0	124.975498
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84.5293644	0	48.5676147	26.0771147	0	0	72.1528789
0	69.7743137	237.794935	0	0	0	0
0	74.5581713	204.042696	129.066766	0	0	0
0	76.6699922	102.146422	125.277111	0	0	0
0	79.8257183	230.290028	144.808283	0	0	0
0	72.4579411	235.612233	123.273633	0	0	0
0	79.7420728	256.354311	12.0171036	0	0	0
0	78.3619215	222.704988	144.282152	0	0	0.1610855
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0	87.3669825	265.459107	168.23945	0	0	0
0	43.9603735	125.170067	166.076371	0.13989755	0	0
0	98.7108184	278.678676	156.535836	0	0	0

0	83.0345905	249.190364	174.57317	0	0	0.23689044
0	88.6763853	276.390673	149.513668	0	0	0
0	91.7800588	268.908906	150.742547	0.5875697	0	0
0	74.057422	245.497876	116.444863	0	0	0.69307619
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85.3120437	42.2671323	162.696028	80.4745368	0	0	42.1171456
0	107.062611	276.137789	172.135521	0	0	0
84.0350406	81.2419448	227.740807	157.512604	0	0	0.09588423
162.797294	0	36.6080362	54.6778212	0	0	139.943026
0	115.24624	309.447319	189.683196	0	0	0
0	120.763235	336.136132	199.363748	0.36723106	0	0
0	124.0886	317.002714	201.88734	0	0	0
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0	234.094887	601.128595	344.761457	0	0	0
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0	175.969286	491.095171	311.483324	0.62953897	0	0.43147901
0	149.967416	408.91984	244.639953	0	0	0
0	173.40362	529.478924	316.807826	0	0	0
0	200.014695	560.262154	300.50154	0.67796504	0	0
0	196.936968	558.624553	327.678682	0	0	0
234.064593	95.5296827	331.750795	185.530727	0.12241036	0.30160729	86.4156573
0	188.266787	496.690091	346.314437	0	0	0
0	231.617692	584.126978	375.821048	0	0	0
0	225.424706	656.99105	357.185293	0	0	0.92933941
196.096741	98.8062834	304.980302	197.604881	5.34154275	0	67.7291295
0	205.607149	689.779882	318.360805	0	0	0
70.3106904	175.985954	521.778916	235.4377	0	0	23.1560402
189.512748	109.134183	324.164161	257.518518	0	0	70.8776188
0	204.368552	718.925511	344.761457	0	0	0
463.346145	171.08125	454.54025	348.255661	0	0	0
0	266.298416	660.634253	431.728311	0	0	0
0	237.810679	756.571948	357.185293	0	0	0
0	271.665671	819.31601	377.374027	0	0	0
0	271.252805	718.925511	478.317697	0	0	0
0	277.445792	873.154464	573.049449	0	0	0
0	273.73	720.139912	506.271329	0	0	0
104.402613	169.340781	574.116968	397.922873	0	0.15736032	141.299996
0	336.526882	846.194757	532.982577	0	0	0
1202.1954	640.850235	1632.39809	1298.1356	1.76270911	0	0

CHNKOC	CHVR0C	CHF3OC	CH8KEC	CH86BC	CHN99C	CHKMHC
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113.637561	76.8405542	103.4109	2.99010812	120.660039	0	0
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132.199598	85.7267483	100.865052	6.30824499	150.741441	0	0
140.299395	83.5547774	105.70563	5.53723727	140.54307	0	0
141.289162	101.188091	121.990811	7.55077809	166.987749	0	0
297.460169	0.42629989	242.881844	13.0520593	0	0	0
146.980319	106.374359	122.417309	5.16426274	173.035243	0	0
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212.678188	0	176.996654	7.7363115	0	0	0
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177.82804	138.689562	157.26832	4.35068642	203.266057	0	0
206.337755	137.727655	158.59261	5.33947879	219.488551	0	0
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194.915645	117.158329	161.752249	6.01165529	193.231048	0	0
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213.789555	139.98138	196.014362	7.928317	210.666039	0	0
236.023951	145.368261	179.602283	13.6453347	272.681571	0	0
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263.772761	167.652118	188.908101	8.3058559	300.696801	0	0
224.099622	135.279163	162.128025	5.07580083	226.248921	0	0
244.837586	154.746858	220.935623	8.05865781	294.471194	0	0
257.215558	148.426499	181.851189	9.38922841	236.180569	0	0

241.124575	154.119947	182.010848	10.7487547	251.093364	0	0
227.675396	150.502394	169.749064	11.1948493	247.264855	0	0
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278.718234	145.027221	227.491453	9.58367989	272.588187	0	0
130.422351	72.1157305	91.1970141	84.4428683	128.014037	78.0764571	0
262.157879	173.077753	0	10.4916075	304.137268	0	0
219.467688	140.020815	173.480034	7.71258048	232.182361	0	0
55.1176195	2.98409919	0	272.016781	0	121.955175	0
294.729497	184.353329	221.779462	12.5927493	313.838964	0	0
326.622931	193.220423	261.377157	7.78673991	341.9609	0	0
324.384301	166.173549	254.203922	14.7824459	301.075751	0	0
313.195099	186.60567	266.208427	12.7356457	315.949537	0	0
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655.758345	1.37727655	583.260024	21.0840958	0	0	0
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459.540318	268.369987	399.204072	18.5497449	409.209125	0	0
404.195877	293.507471	340.59293	22.2478283	483.963096	0	0
383.301616	231.004385	300.796874	24.9175677	374.140649	0	0
589.177517	276.832587	423.915791	28.7510397	478.198424	0	0
516.315479	321.781885	413.051411	22.8846659	572.091891	0	0
533.902867	325.037266	435.941771	21.0840958	610.947513	0	0
269.955364	165.700397	195.784066	173.788499	259.296517	182.941493	0
520.084205	278.209863	392.347594	19.1673598	515.911233	0	0
536.415351	323.659989	381.824861	7.66694391	610.947513	0	0
540.184077	355.33735	440.451513	15.3338878	559.658092	0	0
277.876933	138.624972	177.360427	155.546029	239.487768	172.714587	0
522.596689	387.014711	408.883316	15.3338878	621.5071	0	0
449.145977	282.105493	341.799989	62.9860739	504.429778	54.4607386	0
312.106356	145.624041	175.879956	192.695857	318.564292	184.298995	0
629.377262	349.828244	506.594403	26.8343037	580.777266	0	0
456.591638	276.029175	371.302129	14.5352478	447.776758	0.72293016	0
610.533632	393.901093	467.509968	34.5012476	606.421976	0	0
669.577008	381.505604	503.587908	32.5845116	695.424207	0	0
681.930054	448.877382	498.827624	33.5428796	721.194626	0	0
679.626944	369.110115	536.659352	21.0840958	727.102966	0	0
712.289237	429.710284	578.750282	26.8343037	736.154041	0	0
721.082931	479.292239	551.691827	23.0008317	847.783957	0	0
479.145583	274.364134	383.433409	282.248632	473.663778	348.599018	0
685.908154	449.405338	594.083406	44.8516219	829.530957	0	0
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CHCIPC	CHQ74C	CH9FMC	CHKPQC	CHO58C	CHS3VC	CHS4EC
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22.7386188	0	0	0	0	0.76048542	1.16174828
0	0	0.05430421	0	6.19020991	0	0
0	0	0	4.59025674	0	0	0
0	0	0	1.87845328	0	0	0
0	0	0	1.91260698	0	0	0
0	0	0	0	0	0	0
0	0.6620996	7.73852366	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.93253465	0	0.22868127	0	0.33799352	0
0	0	0	2.78453074	0	0	0

2.09990029	0	0	0	0	0	3.56756716
0	0	0	0	0	0	0
0	0	0	0	0	0	37.4408741
0.64612317	21.7381387	0	4.85507925	0	36.2566561	2.22972948
0	0	5.12897762	0	0.12936756	0	0
0	0	0	0.10957644	0	0	10.9358096
60.2794906	0	0	0	0	0	3.06915705
0.33598405	0	1.28882002	1.89348091	1.12118549	0	145.3962
0	0	3.22205004	0	6.61810881	0	0
0	0	0	0.62708425	0	0	27.8445915
0	41.3645726	0	0	0	0	0.50411275
55.7733516	0	0	0	0	1.77446597	3.42360038
0	0	0	0	0	0	0.12077701
0	0	0	0	0	0	89.6165439
0	0	0	0	0	0	0
60.1411442	23.3786436	0	4.41812211	91.0028891	96.8148634	0.92756746
0	24.710058	0	0	0	0	0.30759689
138.285434	48.2407944	0	0.76265203	73.5739049	2.36003974	0.59905399
0	0	0	0	0	0	0
0	0.46626732	7.34067053	0	7.83001825	1.06467958	0
80.4794043	0	0	0	0	0.76970342	4.34797248
0	0	0	0	0	0	0
0	0	0	0.47815174	0	0	14.079149
0	0	0	59.4488121	0	0	0.82860951
0	0	0	0	0	0	6.68918843
0	0	0	0.52771349	0	0.25758377	0.07012859
0	0	0	0	0	0	32.1866759
0	0	0	0	0	0	27.5060577
0.46664451	0	0	0	0	0.08035318	3.54279239
0	0	0	0	0	0	0
0	6.70259278	0.322205	0	0	0	4.83108054
0	0	92.5676023	6.12596764	0	0	21.2794889
0	3.75345196	0.64441001	0.87661153	0	0	33.4310773
0	0	0	0	0	0.29574433	35.8198924
0	0	0	6.82248072	0	3.27258069	0.07127824
0	0	0	1.21376981	0	1.63796859	0
94.2621907	0	0	0	0	6.30921234	4.5090085
0	0	332.945171	63.9926417	0	0	0
0	0	0	11.4756419	0	18.7649777	0
0	5.36207422	0	3.50644612	0	0	55.7184622
0	0	0	0	0	0.28775124	45.6963382

0	0.53620742	0	11.5712722	0.70074093	17.0348733	2.31891866
0	0	0.71601112	0.21038677	24.0254034	0.78865154	0
0	0	0	13.6970552	0	6.94999172	0.84543909
0	14.1188429	0	5.90293808	85.0971723	67.7105576	6.38119702
0	0	0	25.4217344	0	0	0
0	3.04239429	0.30755932	1.77513835	0	0	39.9635384
0	0	0	43.8305765	0	0.53233979	0.64414407
0	3.94106905	1.62103139	2.68700491	0	0	76.5381188
0	0	0	3.94475189	0	0	0.36233104
0	0	0	9.27362725	0	8.77893691	0.30512088
1.86657803	2.3831441	78.7612232	0	0	0.78865154	0
153.992688	0.44683952	0	5.25966918	0.19465026	7.39360821	0.72466208
0	0	0	0	0	3.604384	0
0	0	0	13.2850478	0	6.65424739	0.71016884
0	0	0	16.7277454	0	12.3314154	0.27518813
0	0	0	8.84580726	0	11.2071535	0.52702697
0	0	0	6.69412442	0	11.2920562	0
0	0	0	16.5303889	0	23.828543	2.07046309
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0	0	0	65.9650177	0	1.12071535	85.5101255
0	0	163.085302	106.320456	0	1.61315088	0.25205638
0	13.0666708	1.15442435	2.02511327	0	0	19.4224938
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0	0	0	11.4961341	0	8.73037258	0.62113893
0	32.4277822	0	14.8227041	0	13.6042391	0.24155403
0	0	0	12.5230219	0	10.8157926	0
0	0	0	13.6549104	0	7.97886338	0.33445942
0	18.1640264	0.24165375	2.73941103	0	0	92.6842801
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0	3.68642603	1.07401668	7.67035089	74.4537241	68.3169399	66.4273574
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0	0	0	20.1971297	0	16.7509588	0.46378373
0	0	0	11.9537936	0	17.4220295	1.05405394
0	0	0	12.8569691	0	13.0127505	1.93243221
0	0	0	26.2670384	0	23.6172971	0.69015436
0	0	0	29.5856392	0	18.2075639	0.48310805

0	0	0	21.9668537	0	21.7111131	0.6820349
0	0	0	23.3254894	0	2.08760703	0.6820349
0	0	0	15.7790076	0	24.8425236	0.79054045
137.132619	28.7920072	0	13.7732823	61.3402208	59.9718065	7.18360671
0	0	0	24.6799862	0	16.5616824	0.38648644
221.889464	39.3218776	0.53700834	13.5874787	79.4173057	80.7382017	38.8901983
0	0	0	23.2532743	0	23.9085941	0.91536263
55.2605339	59.3926993	0.67832632	22.1591576	0	21.0445438	8.05664408
0	102.54967	1.61102502	7.08911934	211.974132	91.9636277	47.8276973
0	0	0	32.7396638	0	23.6762415	0.23502554
0	0	0	29.2569098	0	28.835072	1.44932416
0	0	0	33.0539717	0	18.9147786	0.8731953
0	0	0	34.7138166	0	28.3914555	0.64414407
0	0	654.324008	161.431385	0	21.2935917	1.33783769
0	0	0	36.4130944	0	49.1390577	2.67567537
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78.3962774	21.4482969	0	32.083982	118.347358	88.8415963	4.5412157
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0	0	0	25.6795613	0	31.3141054	1.02305235
13.5685865	0	0	30.3442453	20.4831965	70.4326493	2.67567537
0	0	0	37.3510074	0	44.2003342	0.79054045
0	0	0	33.9855547	0	36.035309	2.67567537
97.1787188	61.8128001	2.14803336	26.8462281	161.202856	208.006844	82.3296641
0	0	0	53.4058717	0	26.2074974	1.33783769
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0	0	0	48.5507925	0	55.690932	1.33783769
331.402445	114.309673	2.05039548	46.8588709	155.012388	171.639254	71.4121541
0	0	0	42.4819434	0	44.2251519	0
290.10579	52.8387731	0.26850417	46.2412582	93.7706465	112.9229	34.1453871
333.184179	102.236882	1.28882002	43.4799319	167.554943	168.929161	91.2108005
0	0	0	60.6884906	0	63.880775	1.33783769
230.989032	217.164006	0	47.9944813	0	45.2488823	5.79729664
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0	0	0	49.7645623	0	60.6048378	2.67567537
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0	0	0	54.6196415	0	52.4149948	2.67567537
59.5276081	25.8778365	3.24539823	67.5562582	73.4254629	100.553072	126.21723
357.823009	104.560447	0	83.62874	454.080124	413.095678	3.47837799
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0	0.84487038	0	1.19921157	0	0	25.1775714
188.829163	0	0	1.7502635	0	0.3171687	13.1030885
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0	0	0	29.6261825	0	0.25081231	0
0	0	0	40.1659978	0	0.23900033	0
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4.20457957	0	0.73894053	0	0	0	0
0	0	0	4.26537753	0	0	0
372.847277	0	0	3.38600915	0	2.22129716	25.6075489
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14.1904561	0	2.771027	0	1.36230327	0	0
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0	0	0	0	0	0	4.23745942
344.355067	0	0	2.99802893	0	2.01397609	23.0117588
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91.4653532	0	0	0	11.7317952	0	5.63557416
0	1.77986026	0	0.57562156	0	0	0
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275.192463	0	0	4.41995123	0	1.30605592	42.1554961
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197.965622	146.068701	0	8.39448101	66.2987591	0	0
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43.6629417	0	0	340.391593	0	14.523866	0
717.58158	0	0	5.59632067	0	2.79718901	47.6478771
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0	15.2076668	163.601434	0.71952694	0.81738196	250.488276	0
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0	17.179031	165.984517	0.29980289	11.5795778	96.7652573	0
0	16.0464589	0	6.2117434	0	0.27166944	0
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0	0	46.5532536	0	609.100928	1.39859451	0
0	4.83482758	0	3.97750919	165.03331	0.59939765	165.529963
0	5.06922226	143.400647	1.34911302	0	1.57341882	0
0	13.3400586	137.734626	2.27219035	17.494842	143.760793	0
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0	15.9318414	176.109424	4.56622868	18.2235978	224.756827	0
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164.154586	186.352403	0	0	10.543861	0	0
158.938328	172.729628	0	0	15.4182888	0	0
164.489666	200.435634	0	0	9.08577733	0	0
182.379981	203.639141	0	0	11.5894138	0	0
0	214.327992	0.3733077	0	15.4182888	0	0
181.849408	180.473842	0	0	11.7778595	0	0
99.9407671	270.025327	0	0	5.25797299	0	0
213.642824	206.063416	0	0	16.5914195	0	0

186.203726	218.897816	0	0	7.48240486	0	0
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180.993646	215.154449	0	0	8.78291809	0	0
158.746162	176.572456	31.5864304	103.287281	13.5445384	117.575024	40.8365264
222.16896	255.015133	0	0	17.6667893	0	0
75.4140192	94.9507897	42.0904435	126.194288	6.18337624	159.332013	39.7908984
206.328703	265.713352	0.21612551	0	20.8282147	0	0
167.192072	197.245798	0.40137595	4.70856506	13.3807111	0	41.7010456
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410.568238	439.166828	0	0	48.9234164	0	0
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196.747445	244.080463	137.190581	249.520524	17.3455749	256.330072	57.241652
447.892624	432.173725	0	0	30.9848304	0	0
386.025698	364.563601	44.2520342	104.645486	22.326725	82.0053018	21.4258684
227.461519	248.892283	170.278087	289.61589	29.2090916	276.140832	63.6654374
492.326416	574.833014	0.94762725	0	30.9848304	0	0
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453.224679	618.190248	0	0	35.877172	0	0
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636.291902	700.708856	0.94762725	0	39.1387331	0	0
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511.877284	745.464711	0	0	21.2001471	0	0
338.686384	447.612604	71.6088033	495.689791	30.5968307	437.572561	111.178774
603.055425	821.829389	14.782985	5.67874295	76.3205296	0	0
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304.4564	192.112956	11.3824616	184.058172	50.4221093	94.1003378	243.299574
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364.103525	237.912433	13.9686807	171.08422	56.3637417	107.231333	224.430496
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1016.88004	0	36.7955492	491.329809	152.90164	238.987182	722.369682
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134.608016	0	98.7978964	0	321.410899	0	13.5411145
126.804653	0	84.1810578	586.899394	148.562325	0.44099954	8.15860326
145.51835	0	88.9181067	72.8909866	263.080773	1.58759834	4.40086222
348.138837	0	153.136739	92.0728252	589.997321	0	19.80388

CHLQEC	CHRN2C	CHGEVC	CHHFTC	CH2SMC	CHJUSC	CH9BGC
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9.74486299	1.20292041	0	50.7916604	114.463745	5.11368975	0
16.6843866	3.48117876	0	65.5767442	114.136993	3.5640868	0
16.2414383	1.20292041	0	55.409084	109.48706	10.2273795	0
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27.6104451	1.20292041	0	87.7310497	109.48706	76.7053462	0
16.106093	3.4082745	0	70.928758	160.359835	24.7161671	0
37.3553081	2.40584082	0	92.3484734	147.641642	10.2273795	0
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21.1138698	2.40584082	0	76.9570612	122.758219	25.5684488	0
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21.1138698	0	0	98.0432959	131.550362	206.081697	2.14582632
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0	0	28.648184	0	0	6.77839092	0.80616953
0	0	0	0	78.5852006	0	114.698035
0	0	0.03583384	0	61.4275598	0	104.527497
46.6368125	0	2.47386195	0	0	0	7.19325025
0	0	0	0	0	0	0
0	0	0.23192456	7.25321352	0	16.6311031	0.97108878
19.6870879	0.20967464	61.8829291	0	0	0	1.37094887
0	0	4.26741187	43.7006114	0	95.3185611	1.07898754
0	0	0	0	71.6473982	0	121.489405
0	0	0.13687351	0	75.3733788	0.29298738	17.3522422
1.27448779	17.8223447	0	0	0	4.12436082	0
69.3415765	0	0	0.60443446	0	5.95741007	0.71932503
0	0	0.92769823	0	0	0	16.1848131
0	0	0	0	97.8712826	0	30.0154715
0	0	7.7308186	70.4166146	0.3121891	150.590088	2.8773001
0	0	0	0	99.4965023	0	147.757823

0.82841707	0	0	0.27199551	98.058596	1.19148201	3.23696261
2.76139022	0	0	1.95836765	0	52.3401028	2.77453938
0	0	0.11596228	0	74.4571001	0	33.853234
4.4102779	0.25643662	0.12013358	104.728054	0	65.9601014	9.50130033
0	0	0	0	1.5609455	0	0
100.634664	0.18564942	5.36048239	50.6201915	0	80.8847926	10.8508616
0	0	3.09232744	0	0	0	151.77758
0	0	10.0721522	96.6231658	0	171.984755	4.16180907
0	0	0.69577367	0	1.05363821	1.11701439	0
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0	0	0	0	53.496724	0.74467626	52.3308956
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0	0	0.10568714	0	48.1739394	0.96148074	62.1373899
0	0	0	0	55.6831829	0.9406437	54.4398258
0	0	0.25300861	0	56.9603202	1.35395683	67.9762149
0	0	0	0	130.851831	2.97870504	7.39877168
0	0	0.43260539	0	64.7884201	1.20382898	74.2597305
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0	0.23763126	0.81902501	0	99.0219224	1.99147708	39.1117568
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0	0	0	0	96.9347153	0	105.574781
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0	0	0.27830947	0	81.213156	1.90907914	100.382625
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97.2300029	213.086455	2.40643526	4.55370924	85.0163683	0.58230324	103.826184
282.35215	0.25829485	13.2196998	101.318326	0	298.61518	29.1326635
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0	0	0	0	164.367561	3.72338129	142.021735
0	0	0.62950951	0	138.110228	1.84087671	133.266689
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0	0	2.56901049	0	293.07352	1.37478694	32.8676204
0	0	1.28450524	0	241.202101	5.49914776	264.434946
0	0	0	0	188.033896	2.74957388	224.097412
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0	0	5.36739691	0	211.9318	1.27658787	221.963151
0	0	0.65484581	0	279.214126	1.11701439	166.037141
1.27448779	67.1765301	0	2.51072776	201.001751	6.8739347	265.928928
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237.824732	303.969991	13.4129703	106.229356	111.958816	171.234169	135.682683
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201.079415	312.431104	9.86733574	108.303666	91.4430252	143.248633	132.715467
0	0	2.56901049	0	268.434596	6.8739347	252.483084
76.3162784	216.198172	7.37188773	76.7577797	203.601586	57.3539479	196.610294
208.7611	349.714009	20.0382818	119.315362	115.385091	156.084144	153.647825
0	0	2.56901049	0	283.996022	6.8739347	292.820618
477.720507	722.547559	7.65351041	21.7596406	178.41607	2.23402878	283.234229
0	1.3709496	2.56901049	0	303.447804	4.12436082	283.856721
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107.474108	207.798208	22.0429167	183.656097	202.970421	304.756061	212.27907
4.97050239	1049.73611	8.34928408	70.1748408	328.735121	5.36166906	413.683822
1300.61479	5.34670342	21.7081386	0	719.845625	16.0850072	872.037728

CHAU8C	CHA76C	CH3JAC	CHYATC	CH2C9C	CHM1HC	CHIQLC
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0	3.62669075	0	0	0	0	0
0	1.13039712	0	21.6192042	0	0	0
147.512575	44.7171801	43.030254	0	21.6076609	255.516868	0
0	97.0087967	0	4.50900531	0	0	0
0	55.6526798	0	5.19032481	32.6154724	0	0
0	96.3663543	0	4.75422314	3.19133781	1.69609905	0
0	116.054104	0	5.43339787	0	0	0
0	77.4756794	0	4.7184771	0	0	0
20.6136799	42.7949509	12.4432848	0	14.9627203	151.030553	0
0	48.9244568	0	5.44769629	0.26389909	0	0
88.9392536	20.9829965	12.8092638	2.37711157	26.8770481	165.970359	181.669568
0	0	0	3.75333406	0	0	0
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0	109.309401	0	4.66778272	0	0	0
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0.15519428	98.3035928	0	8.52387604	46.257054	44.5226	0
0	165.377098	0	6.60586794	0	0	0
57.7064054	66.3166309	15.554106	4.2537786	60.5024459	130.104931	108.916649
0	151.175741	0	9.16603685	0	0.3124393	0
46.5909556	132.602098	0	8.89511951	45.0566509	1.71841614	0
163.303178	58.6191648	57.6416869	0.85790493	28.6223109	238.19591	289.30985
0	220.083305	0	9.20581259	0	0	0
0	0.77714802	0	10.5093354	0	0	0
0	203.27489	0	7.89832036	0.18211439	0	0
0	249.516324	0	8.40746829	0.55848412	0	0
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0	312.380896	0	12.1576527	0	0	0
0	258.252265	0	12.4726178	0	0	0
118.536096	157.674698	13.4192287	12.7613358	143.80966	299.620608	242.793364
0	321.380596	0	8.31507853	172.700473	0	0
0	407.464684	0	11.0867714	0	0	0
0	347.205822	0	13.8584642	0	0	0
118.116953	198.949893	44.9156002	11.4647295	110.935254	229.089015	200.50565
0	243.904917	0	11.0867714	0	0	0
34.7385761	261.211838	5.03221076	14.7087178	61.606695	150.989687	67.9716069
128.024932	237.910913	10.247411	10.0088908	132.546897	93.0027645	227.363506
0	321.380596	0	11.0867714	6.44404749	0	0
0.89236709	299.979135	0	25.5226716	148.696396	3.71021667	0
0	439.02885	0	12.4726178	0	0	0
0	350.075292	0	18.0160035	204.92071	0	0
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0	496.418242	0	18.0160035	0	0	0
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0	525.112938	0	15.2443106	0	0	0
237.498975	400.783117	78.6854773	23.0422073	81.0004317	299.807015	108.916649
0	481.210053	0	21.6192042	258.019662	295.630064	0
6.42504307	1204.89029	0	59.4528115	46.9126657	639.344536	1274.3248

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61.0350764	0	196.65933	253.203703	0	88.9038007	0
64.7650853	0	223.500852	230.354075	0	68.0170539	0
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66.469502	0	203.382037	276.147542	0	106.312328	0
71.9513459	0	270.678509	167.47729	0	80.0800956	0
65.6264391	0.08494794	210.084731	274.013367	0	108.776021	0
60.9978372	0	218.453234	286.920379	0	89.9207617	0
74.3480964	0	208.841767	329.503239	0	116.575845	0
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73.5971056	0	196.441787	346.373231	0	116.7721	0
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83.965529	0	253.681323	345.795812	0	153.744955	0
74.4095412	0	272.277453	359.223139	0	116.222585	0
63.1338807	61.1034221	226.061991	151.127658	0	102.731823	0
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36.2011737	96.3498405	117.636651	171.48167	134.629443	165.885072	0
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70.6560241	0.26229539	218.745721	306.007775	0.11117213	110.80438	0
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54.2930889	0	322.616831	433.428821	0	0	0
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121.660522	0.37015962	374.446762	449.099151	0	176.020502	0
113.263078	0	313.697737	504.376854	0	173.097466	0
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144.91498	0	0	669.443233	0	271.059219	0
157.349656	1.57814394	457.755048	583.845282	0.38910244	200.504565	0
185.255794	0	561.914879	654.853077	0	290.777249	0
227.422225	0	621.875308	949.744631	0	225.463086	0
179.654873	1.15006441	554.535134	781.265599	0	235.393532	0
161.081813	0	547.059548	754.586364	0	262.045527	0
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187.595419	0	520.799156	843.886124	0	313.858043	0
201.491376	1.15006441	543.992641	815.557792	0	302.445024	0
94.0383324	187.111994	276.596681	337.138787	221.576151	331.582809	0
202.483945	0	575.62012	717.154109	0	299.591769	0
148.108461	58.9727472	505.57111	631.430831	90.7581432	318.087713	0
94.62485	241.539083	308.824763	418.662939	174.006609	368.038184	0
196.528535	0	645.200574	861.777703	0	239.673415	0
167.744052	1.24590311	476.257123	692.92593	1.16730731	227.190425	0
243.179247	1.15006441	723.215022	893.087966	0	336.684083	0
155.833232	0	558.752131	925.889193	2.15502888	329.550945	0
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39.0283001	77.8398992	123.619477	0.84029737	1.36215302	95.5994889	349.905799
57.9484024	0	250.298566	0	0	10.3480279	750.439823
73.1253649	0	322.753414	0	0	20.6960557	775.510196
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47.8304274	69.6139702	121.955681	1.37503206	1.5921269	81.9828605	350.276157
62.087574	0	305.188602	0	0	13.7973705	690.270928
61.1744234	18.9679798	212.209653	0.26304961	1.80210306	42.1426629	599.399911
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53.0618804	0	240.235392	0	9.63236776	14.3243534	680.799899
75.8848126	0	278.841385	0	0	14.9471514	822.308225
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86.9226036	0	329.340218	0	0	16.0969322	971.059103
78.6442604	0	393.01266	0	0	20.6960557	1032.89936
78.6442604	0	274.450182	0	0	17.2467131	1056.29837
70.5108882	39.8475037	229.790375	2.82778333	5.17787358	174.401485	671.799191
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26.4081128	0	0	107.099767	190.251615	23.0016069	0.94834081
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0	124.673271	96.7550428	64.905467	0	0.06239134	100.180802
0	100.110884	74.4891253	70.0205902	0	0.54765731	93.6615867
0	113.841803	88.6775301	71.4777547	0	0	92.4546075
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0	123.023345	89.2766778	77.8116835	0	0	100.875945
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20.2830759	0	0	63.91674	0	14.0575138	0
0	156.500441	56.0039985	87.5454222	0	0	117.654322
0	197.081845	120.153493	126.43718	0	0.78862652	58.5467681
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0	164.247948	127.087569	104.769764	0	0	123.15786
0	161.28549	120.398749	102.792043	0	0	113.669588
18.0388241	0	2.60120755	18.9814853	295.921356	58.6540976	0.39830314
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0	166.618208	130.426276	101.588435	0	0	140.088613
0	135.854261	149.457462	71.4675967	0	0	144.866281
0	183.232876	138.833541	107.086254	0	0.22404163	152.181974
0	172.759929	132.661585	110.130961	0	0	138.319818
0	199.294485	137.120798	123.409784	0	0	3.03469059
0	203.656994	154.199584	105.283972	0.29492292	0.78862652	173.341526
0	0	160.328974	0	0	0	182.495257
0.31358234	180.027608	143.933484	111.358047	0	0	151.355193
0	113.639703	101.168394	61.1424775	0	0.15647352	199.783797
0	219.217111	185.929792	124.415842	0	0	178.024186

0	216.786984	176.270065	126.642485	0	0	193.372269
0	213.724743	185.929792	119.134037	0	0.38658163	172.944378
0	194.429816	156.072453	118.10702	0	0	171.004815
22.3325162	170.726071	123.953195	105.067565	0	23.8469041	128.972288
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75.4949483	1.56924791	8.82148647	180.293981	0	30.8592987	1.15450185
0	263.152409	226.902915	149.530636	0	0.26642788	220.19531
0	293.841672	251.66683	143.837477	0	0	239.313803
0	306.493733	230.178594	159.002579	0	0	206.598107
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0	324.965089	227.605661	235.426659	0	19.7156631	308.906213
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0	320.81889	389.20568	163.166336	0	0.38658163	269.908951
0	358.69386	295.337103	241.405557	0	9.0995368	338.251282
0	455.386417	352.909284	277.179831	0	0	337.60137
0	505.720318	280.930415	263.209929	0	1.51658947	415.460813
72.2023337	247.423536	192.597742	234.01125	193.415161	80.7338148	187.976954
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17.6390066	402.529147	295.293605	279.767968	67.6633051	56.8015873	299.516264
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0	685.700982	482.624047	361.329607	0	4.5497684	538.015625
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3.85966198	0.4313806	0	0.4044747	0	14.3958114	0.46253433
0	16.4394721	10.7191074	0	0	0	0
0	0	0	0	0.1790123	0	83.6416238
1.35067083	34.7836403	0	0	0	0	3.44056528
0	49.6906763	0	0	0	0	0
0	0	0	0	0	0	2.39832613
0	138.408569	0	0	0	0.23541606	0
3.00413988	0	0	0	0	0	49.5654067
0.34422436	0	0	0	0	0	0
0	29.7590093	0.50113748	0	0	22.5607058	0
1.01799053	51.7092819	0	0	0	0.08019208	7.19497839

0	0	0	0	0	0	12.1761173
0	0	0	0	0	0	0
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5.50758977	0	29.065974	7.71741801	0	0	0
0	15.6118692	2.47227825	0	0	4.1019465	0
0.37551748	0	1.33446837	0	0.74889826	0	2.04402795
9.07132433	0	0	0.2360622	0	21.5653805	0
105.084813	0	0	0.32104459	16.0991729	99.2671053	11.5119654
0	46.9725538	1.54517391	0.66884289	0.58842006	1.88005881	0
3.8454632	0	0.43292503	0	6.85637291	0	0.53077709
0	317.304394	0	0	0	0	0
7.71062568	0.63405022	0	0.82460083	0	19.9756249	0
0.11635753	0	0	0	0	3.91109463	0
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0	0	0	0	0	0	6.39553635
4.40607182	0	42.0287303	3.21044589	0	0.24522506	0
0	213.736848	0	0	0	76.6916126	0
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0	0	0	0	64.3291137	0	2.62963677
0	13.9458887	2.92911228	1.55287872	2.27181312	10.655029	0
9.7271142	0.88546543	0	1.18581319	0	18.9678401	0.16352224
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5.50758977	0	12.0670724	206.194709	0	0	8.90806848
0	0	0	0	109.156745	0	0
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2.52779559	0	0	0	20.4294533	0	20.8528086
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0.21273952	0	0	0	26.0925154	0.03631015	2.7328566
0	3.03865577	0	41.9141547	0	21.6206764	0.48871551
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1.14741454	0	0.38629348	0	1.47105016	79.6674922	0.8993723
17.883468	5.68407374	0	0	1.49527922	0.3981301	118.590173
2.38662224	0	0.61806956	0	10.8269292	47.3774821	0.71949784
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13.8812975	0	0	0	5.10492301	0	6.6789451
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14.2696644	0	0	0	0.9628692	0	11.773601
12.3035046	0	2.06023188	0	2.35368025	85.542676	1.59888409
1.29590348	0	0	0	39.8741125	0	5.07880827

1.65227693	0	0.61806956	1.00326434	3.88357242	0	3.95723811
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35.3403677	0	0	0	7.20814578	0	15.1394337
14.0265236	0	90.7094898	139.186688	13.1061044	183.082562	1.55287303
66.0910773	0	0	0	0.78456009	0	0
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38.2632553	0	0	0	6.50359018	0	24.4250582
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51.2894298	0	0	0	17.6526019	0	4.98113888
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54.6941216	0	0	0	16.7218284	0	35.2962747
57.5793476	0	0	0	16.6897327	0	37.8518428
64.5174802	0	0	0	24.2092826	0	41.6280893
47.1449685	0	0	0	20.618239	0	46.0478617
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55.6878522	0	0	0	20.7908423	0	42.3704283
54.7808483	0	0	0	13.6597515	0.13428992	61.7997251
49.1093421	0	0	0	22.4111294	0	45.6724715

64.1472221	0	0	0	13.2913709	0	48.2486786
53.8785956	0	0	0	25.4811471	0	51.9289745
78.2077748	0	0	0	26.8319549	0	47.4868574
57.2609741	0	74.3027105	110.96976	17.153724	7.47936441	43.5413502
66.9383988	0	0	0	16.9464978	0	49.8113888
35.3403677	0	110.479934	126.745728	22.3599624	52.1716321	28.180332
60.8733606	0	0	0	26.7576282	0	47.3353841
58.5888842	0	40.6624712	0	21.0857897	10.5382244	42.6559433
18.5881155	0	147.564108	5.75786492	37.322644	170.615337	15.4178108
70.7603142	0	0	0	34.9789308	0	69.4312278
34.7666604	0	0	0	31.7746834	0	64.7548055
78.4731767	0	0	0	37.019297	0	49.1135481
74.1688756	0	0	0	31.5393154	0	69.0717925
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108.033492	0	0	0	8.14735473	0	97.9623981
118.20135	0	0	0	45.6251865	0	109.585056
114.833247	0	54.0810868	3.00979302	36.0113079	1.41004411	93.4148028
122.740572	0	0	0	40.8531644	0	94.8195366
95.4648894	0	0	0	40.2894679	0	103.877501
118.20135	0	25.6736588	11.1130819	45.6251865	0	104.603917
146.894737	0	0	0	54.5625877	0	97.7108254
128.369208	0	0	0	37.4778317	0	107.924676
87.9684478	0	180.184446	248.280056	42.7585246	91.2611882	61.0074209
155.059835	0	0	0	57.0314831	0	97.9623981
142.350013	0	0	0	61.9198959	0	81.3586018
152.517871	0	1.42631438	0	45.6251865	0	102.943537
79.3593617	0.91504975	171.654774	212.327217	43.0081574	86.6536198	65.4088944
149.975906	0	0	0	58.660954	0	107.924676
137.210824	0	133.987852	86.734591	52.5630892	35.0496679	88.4252417
108.683105	0	103.42364	256.03306	61.1956866	68.8101526	61.8768141
165.227693	0	0	0	45.6251865	0	126.188852
123.232321	0	203.190369	1.00326434	52.0751756	32.4310145	90.8366022
161.414746	0	0	0	68.4377797	0	127.849231
188.105374	0	0	0	71.6967216	0	134.49075
183.12736	0	0	0	65.0430486	0	129.647976
190.647338	0	0	0	66.8083088	0	131.169991
205.899125	0	0	0	61.9198959	0	129.509611
170.311622	0	0	0	61.9198959	0	169.358722
153.294582	0	204.903496	409.419092	74.6525976	168.694408	115.693167
229.666494	0	255.880799	16.8548409	101.678987	3.38410586	142.460572
522.11951	0	270.714469	30.0979302	160.991729	0	256.860729

CH64SC	CHQZRC	CHMP0C	CHQRJC	CHE5CC	CHMXHC	CHGV0C
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93.940204	0	0	0	0	2.48482404	0.11306905
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10.707054	0	0.74101525	0	0	0.45745715	6.16740278
217.101266	0.20780081	0.41845567	0	0	13.3685124	0.19155228
58.3534444	0	4.14968541	0	0	2.1957943	0
0	0	77.0403602	0	0	0.14015708	0
0	20.5224588	3.06124334	20.9173312	0	6.58063354	25.9576884
4.94171724	0	0	0	703.145015	1.2668044	2.50491436
0	0.65418773	1.31736045	0	0	28.6673145	0
0	0	500.926311	0	0	0	0
0	61.8207402	18.5253813	22.672887	0	1.49713248	36.2643284
132.89896	0	0	0	0	4.57457146	6.03034939
0	0	91.0141086	0	0	0	0

0	0	0	60.2720911	0	4.66606289	78.153328
2.6767635	0	0.65868022	4.61855105	452.489001	0.30497143	15.1189474
0	51.1493029	6.54563473	48.7422084	0	25.160143	65.3539115
200.006229	0	2.68684667	0	0	4.26521195	36.0779752
119.689568	0	0	252.040929	0	93.7133639	0
59.6278166	0	4.19010443	0	0	3.75842632	45.8254116
0	176.630686	34.2349047	0	0	0	0
106.560681	0	3.96742328	0	0	2.87544492	10.3995435
0	0	0	0	0	79.5975434	0
0	81.4980184	9.20418945	40.7481216	0	40.7377627	54.7016167
0	0	0	607.669359	0	0	0.60303494
0	77.7665661	9.63319828	33.1545986	0	40.713686	44.323068
0	442.20754	0	0	0	0	0
0	0	9.63319828	57.4564245	0	39.6340871	80.4192318
0	82.1109108	12.325241	39.0676802	0	46.2784495	49.0004054
0	88.8505877	14.0119248	44.2661126	0	49.9044159	60.1938511
0	96.8792552	16.1676055	41.5669594	0	51.6510705	57.9735861
0	198.919797	0	85.6788347	0	5.88159188	127.929555
0	102.683746	16.6369876	41.2592839	0	52.3115701	68.6395651
0	0	93.6149269	0	0	3.4309286	0
0	0	3.64807509	0	0	0	0
144.330516	0	0	0	0	5.86376887	9.04552408
0	57.2332488	18.3080168	49.1331357	0.14171915	65.7640393	71.4912996
0	145.518453	6.63949666	62.9103206	0	80.7581775	93.311042
0	116.071594	17.5020745	53.1733182	0	60.9071514	62.5433379
0	108.501707	16.6552	46.0912543	0	65.3510209	72.3641926
0	87.2398401	14.3642957	54.8135728	0	63.0235191	78.5916881
178.584739	0	6.32333015	0	0	8.00550006	13.6361276
0	56.5218196	7.31895065	66.42883	0	73.3751208	102.131919
91.4560864	0	4.44609151	0	0	3.54529288	48.0543467
0	141.304549	0	73.5415436	0	70.3340362	0
0	140.785047	18.7319559	60.1027555	0	75.7436717	73.0258345
0	122.237793	19.6688022	65.9689914	0	35.0091045	94.6387957
0	125.956413	8.79113549	57.1140819	0	67.4832464	78.1163236
0	149.868461	18.3232862	57.7618787	0	83.3403746	96.2114834
0	144.248394	17.7843661	55.9881494	0	72.9317393	83.7357086
0	140.127011	19.91849	60.568998	0	69.1675205	82.0609944
0	162.714329	19.9400468	71.2576447	0	88.3308162	96.2114834
0	143.594206	22.0657875	59.3813706	0	84.1721149	91.3597932
0	159.388167	24.2770711	76.6302449	0	47.8369473	98.8869614
0	162.039456	18.2998549	65.56693	0	90.218505	104.249665

0	0	24.7586273	77.5450839	0	82.9881081	91.625838
0	125.945359	22.1660215	63.2236946	0	91.1731981	99.3434514
0	170.154228	13.6346806	54.0370472	0	74.1080577	90.0934198
0	144.424385	20.5067917	57.1707054	0	74.3715928	91.551519
0	183.107145	21.3412393	76.739002	0	85.0870292	108.003558
62.0116879	73.5961193	12.5972593	29.4432629	0	54.4374004	89.7768265
0	0	24.9605138	80.3211171	0	83.7868878	107.118048
0.12746493	143.842601	21.127292	54.1501546	0	83.1333776	128.364828
179.343155	0	1.80421105	0	0	5.48948575	74.0946407
0	182.726107	27.9314943	93.5916667	0	117.411342	131.824121
0	196.501639	26.3060415	87.5875216	0	105.672601	155.696083
0	207.01537	27.5356972	77.7966647	0	101.257145	115.667532
0	180.1633	34.3831077	80.3627882	0	126.990104	117.591813
0	347.826582	186.05183	0	0	0	0
0	421.196252	56.0891545	180.88479	0	0	273.035665
0	366.848348	53.3530982	174.033094	0	15.2016529	189.121034
0	269.361797	41.200448	126.779226	0	130.375287	184.076415
0	287.655689	33.0281084	119.611047	0	162.331936	159.911944
0	263.907025	39.0558627	95.7087973	0	121.414508	133.448085
0	312.500445	49.2490137	167.181397	0	171.018595	187.868577
0	342.412378	43.4245302	144.903002	0	183.264371	237.454495
0	345.109187	56.0891545	167.181397	0	176.085812	229.199664
106.475704	180.187832	29.31127	70.8865111	0	102.813494	191.538972
0	323.370026	51.98507	149.366986	0	192.55427	220.432464
0	338.315699	46.5129574	143.885629	0	191.287465	225.442292
0	411.685369	43.7769011	124.700878	0	207.755922	231.704578
94.1734069	157.897129	27.7543895	77.1957818	0.32208898	91.5746032	187.735741
0	444.294111	62.9292953	156.218683	0	215.356749	185.363663
38.5900072	251.378745	32.5126195	122.291199	0	180.590443	221.064743
118.134496	129.52917	56.1195551	78.3834092	0	112.351475	199.363351
0	432.065833	53.3530982	176.773772	0	210.289531	252.99635
0	306.159856	42.9788846	136.577152	0	160.567458	330.387767
0	392.663603	62.9292953	190.477166	0	245.760054	280.550408
1.23542931	381.794022	76.6095769	194.588184	0	217.890358	290.570066
0	410.439896	67.9453985	210.118696	0	260.645006	262.389779
0	425.272345	69.7694361	221.99497	0	244.49325	303.094638
0	513.587688	64.2973234	168.551737	0	243.226446	294.327437
0	510.870293	94.3939429	250.772096	0	238.159228	333.15361
215.227303	289.051425	57.1118712	121.279995	0	161.900051	254.631503
0	483.96808	74.6943374	181.706994	0	311.253842	299.587758
0	831.930532	152.945548	502.366395	0	591.217616	1115.31312

CHOAMC	CH9MWC	CHLQ8C	CHEJVC	CH9SIC	CHP5PC	CHD7ZC
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19.4533079	0	28.1255951	1.96587781	0	0	44.7467944
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6.73782014	0	2.60443652	6.50592759	1.72374123	0	6.05790453
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16.4143637	0	3.82630535	5.42531214	0.84758973	0	13.5194699
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15.1784869	0	2.33829772	13.0961007	0.64746438	0	10.7655038
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4.32851261	35.2902106	0	0	33.8869182	126.937973	0
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12.003856	0	7.23641609	12.5638807	0.98141969	0	9.96171465
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25.600168	0	4.62047629	25.2174536	0.75105868	0	16.8743013
13.2320987	0.11799927	6.71298635	15.4106335	0.94415059	0	14.3180884
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16.1263924	0	5.86700154	14.1058116	1.41264955	0	16.9334774
27.6041054	0	4.81021244	23.3030074	0.88795115	0	21.459476
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0	0	2.68395912	0	12.1487861	0	0
0	33.4271673	0.93531909	0	55.0933325	295.784087	0
19.5076554	0.24858513	8.8060292	14.6344781	0.50761207	0	17.2298133
27.3144886	0.74575539	6.26931022	17.085083	0.47061411	0	18.59249
17.4222633	0	8.41787178	15.5353383	0.25898575	0	14.5209121
20.2128422	0	12.0255311	16.2931596	0	0	18.5982125
15.979372	0	9.21957385	12.8581168	0.71719131	0	12.8261637
6.54654741	30.0632643	0.46765954	0	51.9007445	303.620655	0
28.4743483	0	9.67284387	24.6714579	1.17482767	0	23.2653734
2.50775001	107.461281	2.80595726	0.66309371	119.521924	191.921568	0.50072111
0	0	7.01489315	0	1.55391451	0	6.00865328
21.9388463	0	9.25750604	18.9363282	1.08893242	0	17.8646021
26.1333949	0	9.47707418	24.2443636	1.45679485	0	19.9975492
22.5121559	0	8.76223926	17.8944879	1.26432135	0	16.6057327
22.7497322	0	7.56388478	19.7198302	1.35123001	0	20.6384178
29.4142107	0	7.21531866	19.8928112	0.44397557	0	25.7513712
18.2458612	0	8.97906323	21.3250936	1.24313161	0	15.3821524
31.6768423	0	5.10174047	19.5311237	0	0	19.6646835
17.5982457	0	5.61191452	18.1245613	0.69062867	0	23.700799
27.3401317	0	11.4576588	25.0554693	1.18393486	0	20.243439
22.1737896	0.51788569	7.3198885	26.8552951	1.62147601	0	25.5367764

29.4408299	0.36556637	10.2334912	22.9352411	1.46250777	0	18.7328602
25.6169246	0	8.7838662	24.3394396	1.82813471	0	21.4221552
19.8206527	0	12.3462119	13.2997652	1.59831206	0	19.8285558
23.3444555	44.9885047	15.0210212	19.6189246	59.4372299	70.8023963	16.3224196
27.290818	0	11.7850205	23.8713734	1.24313161	0	23.4337478
16.6303422	133.096622	13.7959565	9.94640558	110.586916	132.275235	11.2662249
27.3421165	0	9.74700942	25.9653535	1.63569948	0	32.5732257
21.0702605	98.6474892	7.39113052	18.6563658	5.60032346	5.83469708	24.350858
0	140.605965	7.56388478	0	112.15209	340.241299	0.2612458
34.109911	0	13.2836512	31.1627304	1.67923019	0	35.9186632
28.5091581	0	4.9104252	27.3526154	1.55391451	0	23.6590723
31.5391169	0	13.3587965	25.3417116	3.65797266	0	23.7515968
27.4532633	1.24292566	17.2098712	28.1151731	12.8456933	0	34.4496121
0	0	525.793222	0	10.0406784	0	0
58.4803242	0	9.06540037	51.4152658	7.1719131	0	51.3046549
24.8541378	0	12.950572	0	0	0	15.2527352
50.7885371	102.023481	28.9013598	50.3951216	93.5456533	0	39.4568232
44.8001055	0	21.0446794	26.4290206	5.99367024	0	28.3265083
43.229573	0	20.1368697	29.9562333	3.49630764	0	30.3967166
58.4803242	27.2487548	37.5566587	53.2515253	38.7283308	0	36.0519197
59.8315741	0	24.9789062	57.0353327	7.71523985	0	45.022881
65.7903647	0	24.6060867	38.5614493	2.86876524	0	44.3715934
36.956316	287.814972	34.840636	23.1530219	279.963597	260.10047	21.4058273
62.8663485	375.745987	29.7863155	51.4152658	22.9501219	0	58.2377164
80.4104458	0	19.4258579	36.7251899	5.73753048	0	59.6243287
61.4043404	1.43414499	22.0159723	53.2515253	1.43438262	0	62.3975533
29.6610432	279.093306	27.8044856	22.4246235	230.544407	220.99317	22.1227689
54.0942999	0	24.6060867	44.0702278	1.43438262	0	52.6912672
45.1739316	110.435103	23.7896376	53.2204774	150.116023	76.7406323	29.0418242
41.8134318	270.957793	8.60493559	21.7494735	271.00269	250.833038	23.6340362
65.7903647	0	23.3110295	53.2515253	7.1719131	0	34.6653074
54.6425529	514.26049	21.0446794	43.7641846	24.0856748	15.4321107	57.0822061
68.714381	259.580243	36.2616015	58.7603038	2.86876524	0	56.8511041
105.264584	308.341172	32.3764299	66.1053417	17.2125915	4.07000723	65.1707779
65.9121988	69.0779836	34.5348586	56.7710226	8.8453595	0	56.8511041
80.4104458	0	23.3110295	67.9416012	4.30314786	0	63.7841656
81.8724539	242.370503	36.2616015	64.2690822	24.3845046	0	69.3306147
95.0305269	0	33.6714871	75.2866392	11.475061	0	62.3975533
55.9394671	316.248022	51.9305423	40.5063764	198.630811	420.2135	49.3972257
112.136022	346.776258	63.9758255	52.5170215	425.151009	0	88.3272032
182.458612	747.619782	176.775307	152.77679	585.514986	35.273396	149.615467

CH49HC	CHONXC	CH2YZC	CHW8FC	CH7K1Cb	CHVH7C	CHEK5C
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0.29005555	0	0	0	1.01469159	0	0
0	0.25814549	0	0	5.57367986	0	0
0	3.58017545	0	0	0	0	0
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0	1.77475021	0.07667704	0	0	0.35760117	63.9574484
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0.41265635	18.0145834	0.08460915	0.23906656	0	0	0
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0	6.68349271	0	1.67150099	0	0	0
0.29005555	26.869578	0	0.2813363	0	0	0.97297654
0.16678194	0.43368442	0	0	0	0	0
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0.69680656	9.751608	0	0	0.05986092	0	0
1.07239682	21.1387182	1.39217822	0.21332093	0.42581384	0	3.73677203
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0.18361315	15.4404157	0	0	0	0	0
92.5639765	0	0	0	1.71933853	0	0
0	0.46466187	0.12268327	0	0	0.29855542	0
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0	0	0	1.48287674	0.71752593	0	0
0	0	0	2.94124313	1.56699208	0	0
0	0.4928232	0	0	0	0	0
0	53.4248918	0	0	0	0.11576554	39.2887927
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0	1.54887291	0	2.77317209	0.98247916	0	0.45361744
0	0	0	1.90315732	0	0	0

0	0	0	0	87.2894948	0	0
0	0	2.60237236	0	0	0	0
0	0.4517546	0	0	0	0	0
0	8.34008492	0	0	0.83643496	0	0
2.4506734	90.2771642	14.0528107	0	0	0	7.12041923
0	2.3614445	0	0	0	0	0
0	0.6377712	0	0	0	0.68097375	0.79923073
0	3.03579091	0	0	0	0	0
3.33563879	53.3070428	7.15652398	0	0	0	6.99326888
29.5962133	30.1114975	0	0	0	0	0
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0	0	0	0	0	70.7889644	0
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4.7424082	118.273283	3.19865507	0	0	0	20.9068334
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25.868289	0	30.9490332	0	0	0	0
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0	2.32330937	0.31806773	0	79.6626854	0	0
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22.6823438	43.242736	99.8096544	0	3.78254478	0	0
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0	7.2280736	1.27227093	0	0	1.92942563	0.6216239
289.088695	0	0	0	0	0	0
0	1.4784696	6.91797318	0	33.7615567	0	54.1660463
37.0626533	56.0175704	0	0	0	0	0
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0	0	5.72521918	0	77.8860356	0	0
2.38259914	16.8655051	1.63577691	16.1768372	1.47371874	0.32157094	0
0	0.6776319	4.05536359	0	32.2375975	0	43.4748216
0	5.14805242	84.2719313	0	9.35122253	0	0.48298836
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26.2137701	33.2452103	96.1463439	0	5.1580156	0	0
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57.8177391	77.0564275	118.493072	0	3.37460234	0	0
0	0	0	0	1.93425585	0	140.938318
0	0.2853187	2.71194593	0	44.2503444	0	75.3800772
0	209.614134	0	0	0	4.50199314	286.568618
0	2.258773	4.29391439	0	27.5094165	0	76.4597398
279.598009	0	93.4437559	0	0	0	0
0	0.65956172	5.74430325	0	40.4388423	0	66.1283506
0	2.05862856	4.23956104	0	58.076644	0	79.6701518
0	0.85595608	4.05536359	0	39.1149517	0	87.4794362
0	1.2755424	2.60237236	0	50.642335	0	92.8197506
0	0.77443646	8.58782877	0	128.213531	0	0
0	1.04923649	4.71663135	0	64.930314	0	96.6158143
0	0	0	0	0.85966927	0	270.872615
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92.8805946	113.81317	262.42629	0	5.56256585	0	0
0	2.19552736	5.39124806	0.1294147	69.3753098	0	112.134736
0	1.30105325	5.69250364	0	75.9407268	0	0
0	2.06516389	4.36207176	0	75.2210609	0	94.0428158
0	1.54887291	6.54310764	0	64.8436247	0	114.023584
0	1.21878524	4.62421549	0	92.2491252	0	135.884594
94.8711267	102.412768	283.231364	0	9.19846116	0	0
0	0.87570892	8.43997971	0	39.1272326	0	145.330886
49.2006722	62.3421348	163.049471	0	6.01768487	0	0
0	0	0	0	78.6597379	0	132.172782
0	0.7902817	5.39576284	0	76.7502168	0	108.286566
0	1.07703084	6.99749011	0	111.905027	0	108.705965
0	1.2936609	7.34519597	0	83.4660706	0	124.721772
0	3.4497624	8.58782877	0	67.2784644	0	136.305168
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0	2.6021065	7.32828055	0	95.7327696	0	119.500979
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0	5.4210552	4.45294825	0	87.6862652	0	127.743712
0	2.51691849	7.76994032	0	147.678899	0	169.237107
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0	1.2755424	6.39877438	0	87.3828526	0	144.801803
0	5.65675325	7.96552234	0	95.9839425	0	144.000528
0	0.46466187	6.13416341	0	109.349931	0	166.160069
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7.34084114	19.8390049	0	651.69773	214.282448	17.9426458	5.06595935
6.13961259	30.7065251	0	727.059971	249.113752	18.05592	5.0403737
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66.0857531	245.225713	0	101.991386	0	460.57696	90.4701735
78.7945517	278.059282	0	111.405975	0	542.487148	96.2695436
70.9574592	212.477649	0	124.08952	0	581.428057	100.039134
83.8780712	217.52239	0	116.11327	0	610.969436	124.10652
115.650068	280.11138	0	119.251467	0	582.770847	134.545386
77.5236719	271.902988	0	112.975074	0	612.312226	125.266394
232.377621	179.121143	0	71.0737073	0	501.17203	75.6831806
100.780773	278.777516	0	112.190525	0	645.881975	131.181752
237.908711	597.570944	0	285.575881	0	1323.18524	309.106426

CHHJ9C	CHKFZC	CHNPMC	CHIYYC	CHG2JC	CHBH9C	CHIIAC
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5.62497358	0.95471967	18.6239075	6.3000319	0	0	0
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0	24.4538425	41.1345435	0.44297099	0	0.16950584	0.27332558
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0	55.7715408	91.3612555	0	0	0	1.60066445
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0.13499937	8.08999301	0	0	8.89589684	13.5426242	7.38458587
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0	72.3876624	130.781217	0	0	0	1.54654811
0	7.90826128	0	0	15.4019696	20.4542693	10.985953
0	15.094118	0	0.14175072	10.1637838	10.1006107	5.49774883
0	17.1849541	0	0.33750171	13.2215972	19.5335297	9.63147285
0	14.639035	0	0	17.9691205	18.8232196	11.4536434
0	15.0368348	0	0	14.0599729	15.9205097	11.8627021
0	76.6600117	124.81122	0	0	0	1.38398191
0	12.7822276	0	0	22.2929402	12.502825	5.0219821
0	43.9966649	62.3900901	104.098183	0	0.3107607	0.8351615
0	18.7960435	0	0	16.7056667	22.8409115	0
0	8.72555178	0	0	18.3568813	25.8177764	13.1087095
0	13.0120072	0	0	20.2679045	25.8708283	13.6533497
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0	17.922692	0	0	18.5817042	20.7534103	13.536124
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0	15.7962709	0	0	16.4376614	16.9505837	15.0979845
0	12.6235157	0	0	21.4007234	17.8169468	13.0444272
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0	20.6302468	0	0	21.1918432	22.6990425	12.4496124

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1.17390753	15.5271664	0	74.5732037	19.5967583	20.9358133	13.1291537
0	14.8189097	0	0	22.0121726	28.3413759	11.4536434
1.68749207	35.9213277	40.0414011	115.172458	10.1544249	13.0519494	7.39714469
0	18.6421578	0	0	18.619319	23.5523899	20.4959934
0.88815372	21.2550748	0	0.1865141	22.8751633	20.851342	8.70505603
0	91.0563887	156.440823	295.018681	0	0	1.43170542
0	21.7805049	0	0	27.5734744	35.8737601	19.3799803
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0	21.102418	0	0	26.1113783	32.5410848	19.8571317
0	18.2669697	0	0	25.1567687	38.7829354	16.798677
0	92.5343682	0	0	761.959822	387.255642	342.287727
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0	37.0137473	0	0	67.1250319	12.0479533	27.753059
2.24998943	48.7861752	0	156.516418	29.2185387	45.8682794	23.1936279
0	30.0736697	0	0	36.2190086	42.352244	25.1571096
0	37.870547	0	0	47.1689414	75.5148502	23.9179024
0	40.0982262	0	22.8981929	32.655421	63.6820389	27.753059
0	27.6668414	0	0	35.7340465	50.7213619	31.6977578
0	40.0982262	0	0	47.1689414	68.8454475	38.3256529
2.24998943	83.2131014	82.1521252	193.922857	25.5498432	26.2074857	14.0386671
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41.7270767	81.7153246	70.432232	180.410004	22.8697898	23.7308171	14.5773643
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6.22590243	63.8278529	29.3326543	127.8517	46.0947005	41.0204124	22.5160133
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0	52.436142	0	0	47.1689414	55.076358	34.3609302
0	38.4274668	0	0.88594199	35.376706	64.327465	31.4975193
0	43.1827052	0	0	54.4257016	51.6340856	47.5766725
0	60.1473393	0	0	68.939222	61.9609027	42.2903756
0	35.6000278	0	0	86.1740275	93.3716381	36.012898
0	64.7740577	0	0	61.6824618	74.008856	43.6119498
0	49.351663	0	0	72.5676021	77.4511284	33.0393559
0	47.8094236	0	3.27117041	65.3108419	70.5665836	39.6472271
1.00271268	135.040947	197.575366	86.8993531	38.9086799	54.2344979	22.5545478
2.02499049	100.245566	0	571.964146	68.394965	46.9870179	44.6692092
8.09996195	136.333969	0	0	127.356142	165.573301	121.981302

CHEVHC	CHLSTC	CH8EFC	CHXS8C	CHII1C	CHFMPC	CHEVXC
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0.27078648	0.09640571	0	0.2374536	0.1577373	4.18322995	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.19764929	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0.13638715	20.6301851	0	0	0.37951882
0.27687157	0	0	1.62045237	0	0	0
0	0	0	0	0	0	0.88554391
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.23394452	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0.59668305	0
0	0	0	0	0	0	0

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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.84244682	0	0	0	106.726096	0	8.61610291
0.40437447	0	0	3.20475774	1.48957585	0	0
0	0	0	0	0	0	0
0	0.34403606	1.12318833	38.488512	0	0	1.04181637
1.53325321	0	0	0	0	0	0
0	0	0	0.87240627	0	13.5745395	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0.46788904	0.53039449	34.5472884	0	0	1.6530153
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	110.983331	0	24.7952295
0.30421691	0	0.0536354	0	14.1232308	0	0
0	0	0	0	173.648132	0	0
0	0	0	0	0	0	0
0	0	0	0.34137637	1.17546964	20.17567	0
0	0.54884345	1.2619864	62.5165531	0	0	0.97210083
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.33120389	0	0	0	0	0	25.6505271
0	0	0	0	0	0	0
0.38777863	0	0	0.06739619	0	0	0
58.4096462	0.39726428	0	0	0	0.89502458	0
0	0	0	0	0	0	0.15535858
1.36897608	193.735305	0	0	0	0	0
1.35287048	0.41284327	0.89855067	0.18474486	0	0	25.0035928
0	140.561665	0	0	0	0	0
0.62914646	0	0	0	0	0	0
19.7224462	0	23.1243303	0	0	0	1.34283298
0	0	0	0	0	0.96387262	0
0	0	4.95034857	73.8637311	0	0	0.65595845
9.12650722	0	0	0	0	0	0
0	0	0	0	0	0	2.54593874
1.21686763	0	0	0.29080209	0	0	0
0.22199612	0	0	0	0	0	0

0.54759043	1.46215325	0.63647339	0.26172188	0.54617781	0	0
1.53325321	17.963597	0	10.4688753	1.09235562	114.861488	0
50.1957897	0	55.82402	0	0	0	3.19779745
57.556088	0	0	0	0.47152041	0	28.9235205
1.52108454	0	0	0	0	0	6.23160529
1.69904541	109.41992	0	122.992216	0	0	1.84488315
1138.37967	0	0	0	0	0	0
0.73692294	167.944799	0	0	0	0	0
153.92542	0	192.5332	0	0	0	11.0692989
74.9334277	0	82.7415404	0	0	0	4.97147458
0	4.54892121	0.70719265	0	0	0	0
78.7161247	0	77.4375955	0	0	0	5.16567281
0	0	448.259114	0	0	0	436.868329
74.1437446	0	77.777048	0	0	0	4.36868329
87.3891947	0	97.5858722	0	0	0	3.02654248
94.0859926	0	95.181702	0	0	0	5.90362607
88.6100882	0	116.590352	0	0	0	7.5137059
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96.6336058	0	110.508929	0	0	0	4.77184283
1.1408134	0	0	0	0	0	0
1.49342845	0	0	0	0	0	0
3.06982515	393.02992	0	0	0	0	0
123.901462	0	123.316719	0	0	0	5.55432819
162.970736	0	170.602145	0	0	0	0.11807252
111.864903	0	117.292953	0	0	0	5.90362607
122.034439	0	135.780989	0	0	0	5.06025092
78.4836873	0	134.026608	0	0	0	6.81187623
1.98501532	40.3554296	0	0	0	0	0
167.16251	0	173.484461	0	0	0	6.53291368
1.25489474	200.802379	0	98.4728581	0.11378704	0	16.9729249
135.870876	0	152.753613	0	0	0	6.64157933
135.595155	0	134.35123	0	0	0	8.51571637
126.090857	0	74.9858382	0	0	0	6.45098213
140.550285	0	148.717793	0	0	0	6.46044534
148.098322	0	141.18137	0	0	0	8.58709246
165.450538	0	171.393191	0	0	0	9.27712668
146.5352	0	148.680183	0	0	0	6.84820624
0.49780948	0	180.526997	0	0	0	10.7338656
142.373513	0	158.057558	0	0	0	8.52745988
82.3015383	0	97.1379622	0	0	0	6.64157933
163.562882	0	175.722001	0	0	0	5.13358789

155.580105	0	177.838152	0	0	0	10.0708915
171.181531	0	150.263065	0	0	0	9.75381698
164.82472	0	148.934773	0	0	0	8.8554391
143.201842	0	146.077561	0	42.0319445	0	19.9086955
150.039779	0	165.483081	0	0	0	5.11647593
86.0173305	137.686097	88.841077	121.918777	77.1476157	0	27.0582861
200.302816	0	190.60703	0	0	0	8.0786462
145.550635	131.088085	151.56521	102.884905	83.7951745	0	28.8523079
2.05346412	478.124111	0	286.585461	0.47493723	0	31.8282449
218.923982	0	222.479911	0	0	0	8.45397194
194.394604	0	231.517195	0	0	0	8.11748584
217.558076	0	252.164695	0	0	0	8.53917342
219.401233	0	233.373575	0	0	0	7.87150142
415.747506	0	373.071324	0	0	0	0
2.52734046	0	0	0	0	0	0
408.165484	0	403.915804	0	0	0	0
282.282868	0	321.100824	0	80.561227	0	33.4538811
298.04565	0	381.202097	0	0	0	15.8132841
259.300176	0	275.555537	0	0	0	11.1127079
285.589472	0	334.882921	0	26.468617	0	17.7108782
344.924533	0	370.957164	0	0	0	27.0410844
406.901814	0	340.75806	0	0	0	14.9861277
184.241364	319.967869	187.096656	232.641673	123.95202	0	55.10051
319.708568	0	370.133755	0	0	0	19.0732535
367.728037	0	387.759172	0	0	0	12.2613772
446.075591	0	412.728512	0	0	0	17.7108782
164.774939	265.846045	184.866589	209.377506	134.806614	0	39.7153026
382.89208	0	420.072436	0	0	0	16.348503
333.553999	88.4602713	320.404393	68.701994	82.8369679	0	37.0046127
198.957857	337.270015	209.187587	205.189955	162.03275	0	54.7069349
419.538516	0	396.57188	0	0	0	19.0732535
271.057264	0.73107662	313.463143	474.370911	313.369519	0	28.0422238
500.413411	0	427.41636	0	0	0	29.9722554
454.921283	1.34967992	487.636534	0	0	0	28.6098802
489.145685	0	535.739234	0	0	0	22.5927228
480.194687	0	514.074659	0	0	0	24.5227544
504.204422	0	543.450354	0	0	0	20.4356287
567.387933	0	497.918027	0	0	0	23.1603792
298.416946	543.179335	290.955969	125.171335	76.2274248	0	38.8441483
532.257901	0	561.369528	0	412.910424	0	111.578533
1016.87543	0	1052.09051	1146.34184	0	0	170.024431

CHZ7FC	CHQWOC	CHUWKC	CHLW4C	CHS1SC	CHGXHC	CHD0SC
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0	0	0	0
0.03792598	0	0	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0.21139031	0	0
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0	0	0	0	1.1382555	0	0

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0	0	0	1.40879315	0	0	0
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0	0	0	0	0	0	0
0.33571517	0	0	0	0	0	0
0	0	0	0	0	0	0
0.15107182	0	0	0.45081381	0.12331101	0	0
0	0	0	0	0	0	0
0	0	0	0.37836159	0.61949104	0	0

0	0	0.72457748	0	0	0	0
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0	0	0	0	0	0	0
0	0	1.0705469	0	0	0	0
0	0	0	0	0	0	0
0	0	0	0.19888844	0	0	0
0	0	0.73352288	0	0	0	0
0	0	0	0	0	0	0
0	0.7922127	0	0	0	0	0
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0	0.48635736	0	0	0	0	0
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0	0	1.14812276	0	0	0	0
0	0	2.08474923	0	0	0	0
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0	0	1.65042647	0	0	0	0
0	0	1.38983282	0	0	0	0
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0	0.17022508	0	0	1.71563148	0.23141662	0
0	0	2.99051634	0	0	0	0
0	0	0	0	0	0	0
0	0	0.93200554	0	0	0	0
0	0	0	0	1.87933896	0	0
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0	0.26643925	0	0	0	0	0
1.64390499	0	0	0	1.30454976	0	0
0	0	0	1.44904438	0	0	0
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0	0	0.73352288	0	0	0	0
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0	0.99270107	0	0	0	0	0

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0	0.99216901	0	0	0	0	0
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0	0	0.69491641	0	0	0	0
0	9.59181291	0	0.39201201	0	0	0
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0	0	0.31943738	0	0	0	0
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0	0	0	1.73688874	0	0	0
0	3.67686162	0	0	0	0	0
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0.24171492	0	0.52813647	1.08195314	0.39459524	1.33295971	0
0	0	0.5658605	0	0	0	0
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0	0	0	0.55886009	1.09609789	0	0
7.4162532	0	0	0	8.22073418	0	0
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0	0	0	0	0.24358143	0	0
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0.84622993	0	0	1.38920364	0.30668024	0	0
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0.56104043	0.09482557	1.68554193	0.34007231	0.4865657	0	0
0	0.06734179	2.88506118	0.57605579	0.79288164	0.18309886	0
16.7341098	0	0	0	12.5208105	0	0
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0.85059575	0	2.08485852	0.34883417	0.33938811	0	0
0	0	0	1.3148736	0	0.23141662	0
0.25898027	6.10698647	0	0.68156057	0	0	0
0.78135111	0	0	2.46461394	0	0.27058193	0
0	0	0.99025588	0	3.32939734	0	0
1.20497765	0	0.73377451	0	0	0	0
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0	0	0	0	0	0	0
0	0	0	0	0	0	0
0	0	6.4232814	0.21467324	5.16731863	0	0
1.28876438	0	0.5631787	0	0	0	0

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53.2528181	0	0	0	0	0	0
0	0	0	0.46959772	4.93244051	0	0
0	0	0	4.85491792	0	0	0
0	0	0	1.2294922	1.64414684	0.56394449	0
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0	0	2.11254588	0	45.3784527	0	0
0	0.34045015	5.50142157	0	0.41103671	0.46283323	0
0	7.43409179	0	0	35.8852918	0	0
52.6593216	0	2.29624552	0	6.27765156	0	0
0.57098012	9.36237911	0	0.92632974	0	0	0
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40.2575292	0	0.44505882	0	3.9210131	0	0
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0	0	0.57406138	2.51867714	2.6485061	0	0
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1.36159155	0	1.36000808	0	0.06350782	240.919595	0
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0	0	0	0	14.4138184	0	0
0.37767956	172.097551	0	0	11.0979912	13.607297	0
0.85311148	0	0.93200554	0.31822151	3.82989498	5.29263412	0
0.2014291	88.9255791	0	0	24.1689585	11.1079975	0
0	0	1.82816471	0	0	294.952786	0
195.928127	0	0.32467406	5.48736477	0	10.2088871	4.5975013
0	2.82835509	18.2816471	0	21.6268546	0	0
2.68572132	23.1506102	0	0	0	0	0
0	0	0	0.30054254	0	0	0
103.003517	0	0.24756397	26.3726077	0	28.7798118	0
0	153.202567	0	0	47.9542827	19.7475512	0
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147.295029	0	0	14.0879315	0	27.3071606	6.67732332
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112.111196	0	0.3474582	25.3879354	0	35.8086763	12.1831864
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114.572872	0	1.10028431	18.2203913	0	40.0350745	4.45154888
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205.951182	0	0.55014216	20.1250797	0	46.6535897	7.12247821
121.737118	0	0.25069769	29.7451515	0	49.6696219	14.8760621
137.887374	0	0	26.2291669	0	53.0154428	14.8384963
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173.229025	0	0	34.5623918	0	75.1112215	11.870797
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244.46168	0	0	37.7044274	0	89.3688893	0
185.650486	0	1.46704575	40.5732426	0	91.0238687	13.8492632
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248.267976	7.90192828	0.22159583	0.10518462	0	302.517876	20.5816154
185.856858	22.3632388	0.46165798	102.680221	2.94044986	243.461545	11.8512181
193.619435	25.257305	0	103.181101	0	260.086812	14.7481825
175.274119	17.3459126	0.54490778	112.264351	0	286.086823	10.2102802
0	60.5122932	0	0	246.920601	0	0.92176141
96.5325503	11.0882345	0.19176562	145.868524	0	340.322694	16.1267729
0	56.6973878	0	0	147.426805	0.73968351	1.38264211
0	22.8894327	0.42614583	123.263223	0	282.559102	6.91321056
204.438162	22.4150507	0.24086503	112.972583	0	287.950657	14.0385913
254.571655	21.9537833	0.25968261	122.668948	0	383.063599	15.2731592
200.237402	27.6682296	0.37142483	119.521998	0	287.709989	16.6419832
235.955145	24.3962605	1.25906722	126.460597	0	283.500517	17.5972632
234.953921	29.767538	0.39570684	148.009783	0	302.21355	16.1966647
217.234479	22.9841476	0.66478749	127.483756	0	289.009142	17.0341508
264.248996	31.5716313	1.00725377	153.473919	0	369.572781	11.0611369
237.945232	19.6445706	0	153.978592	0	292.585923	15.9771977
267.858347	35.7060115	0.39570684	173.554618	0	393.546852	16.7892256
242.942082	22.2374098	0.48173007	150.459735	0	339.611213	16.1107864

248.246861	28.6001836	0.32587622	138.596201	0	320.23945	19.1943258
241.192485	29.1008079	0.48173007	148.859099	0	356.077211	18.5153813
246.130548	26.5201703	0.2374241	138.843695	0	360.373807	21.0161601
216.938806	51.3896933	0.58710852	121.333886	1.74509307	270.402564	14.1169763
293.529238	33.5145009	0	141.999233	0	386.911376	16.5917053
131.107823	47.8836407	0.23082899	55.0027894	96.2262217	155.82666	11.5220176
235.941483	30.2422994	0.29157346	160.544942	0	387.749884	11.643302
217.700208	26.1356135	1.36067615	127.770312	0	305.231607	15.8570684
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270.132355	31.7156235	0.94183058	190.666606	0	408.723185	17.28604
313.730788	34.334149	1.38497394	183.415676	0	469.699031	15.9003843
314.495612	33.3953342	1.18425308	180.862281	0	465.577937	21.9419292
304.950609	41.2535982	0.92331596	194.591542	0	449.727576	23.2283875
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624.661144	74.3147628	0	1.21366866	0	715.558451	38.2885508
0	69.9433062	1.27843748	296.135153	0	634.989846	37.0122658
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566.675722	56.8289363	0	223.315033	0	685.51592	31.9071257
538.661415	64.2471657	0	323.038141	0	714.1515	43.1229638
586.443479	58.2860885	1.27843748	338.613556	0	692.343768	33.1834107
257.377426	97.4774115	0.96178746	150.655051	195.325508	352.746849	25.4252522
515.279552	62.6575451	2.55687496	290.066809	0	736.041994	47.222546
525.822356	59.7432407	2.55687496	353.17758	0	726.483007	54.8802561
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231.801919	96.1499679	1.7626941	142.238289	209.667441	349.66857	22.1222738
558.768619	71.4004584	1.27843748	342.254562	0	749.69769	43.3936909
462.896585	70.1439286	1.40504602	279.425222	68.2551924	601.523497	37.7120646
249.747316	125.02366	0.36932638	161.633695	199.656546	422.90172	16.5917053
622.025443	72.8576106	0	292.494147	0	854.846546	47.222546
506.109508	67.8790072	1.38497394	257.044908	0.77186809	631.68972	36.640016
695.825072	78.6862194	0	377.450953	0	854.846546	61.2616813
695.825072	103.457807	1.27843748	332.545213	0	863.039963	53.6039711
632.019143	83.5433935	0.42614583	365.415405	0	1030.66363	40.7347638
651.018155	88.8862849	1.27843748	385.946634	0	929.952872	49.775116
699.778624	85.9719805	0	400.510657	0	1069.24097	53.6039711
814.431619	97.6291982	1.27843748	478.185452	0	1043.29515	65.0905363
442.288459	70.4413425	0.92331596	285.942095	94.5035016	656.603118	35.8685417
698.987914	126.917958	4.98590617	487.5307	14.8198673	1304.80172	69.6851624
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122.297608	0.12915569	0	52.2983631	130.480537	0	0
80.105772	5.8263568	0	29.1805496	50.6540298	93.733522	152.992089
136.680887	0	0	51.7723211	102.508458	0.23680048	0.74471354
109.694106	1.3830557	0	47.0426033	97.8344808	0.10712403	134.012975
57.8774688	6.51393927	0	0	0	4.49920906	384.69109
141.651819	0	0	65.4390677	117.198933	0	0.97147135
160.106693	0	0	63.4844018	152.757702	0	0.88434733
157.193673	0	0	73.221859	147.226297	0	0.46139861
158.366175	0.27744556	0	65.5782733	157.000972	0	0.78608652
0	0	6.34951309	404.655232	193.884776	0	3.26528246
0	0	0	106.098628	273.201275	0	0
311.260768	0	0	0	1.46882406	0	0
212.552907	1.66467337	0	95.6943826	169.942944	0.37493409	2.24034658
263.683996	0	0	91.0738637	240.047818	0	0
341.602886	0.58753178	0	84.278983	290.000951	0	0.41616345
207.894319	2.30493236	0	135.707547	221.792433	0	0
269.889553	0.57623309	0	114.248558	231.762633	0	0.32158085
290.355194	1.15246618	0	92.5278731	255.575387	0	1.63264123
177.581775	12.4850503	0	50.8246469	102.899286	173.407016	315.711998
256.673992	2.30493236	0	96.228988	259.981859	0	0
332.166342	0	0	117.201973	309.921877	0	0
297.323719	1.15246618	0	138.174957	217.385961	0	3.26528246
154.187407	10.4420421	0	49.3295065	110.228569	164.221131	260.158907
315.906452	0	0	122.136793	251.168914	0	0
254.084641	4.60757808	0	104.209331	186.888348	60.1384962	86.223865
176.819861	12.6515176	0	63.796255	135.784624	191.666306	317.893388
327.520659	0	0	104.864923	245.293618	0	1.63264123
214.524096	8.11528268	0	102.911557	223.567262	0	631.423996
357.7176	1.15246618	0	146.810892	314.328349	0	3.26528246
376.300332	8.06726326	0	144.343482	280.545396	0	6.53056493
379.397454	0.1920777	0	122.650836	307.229033	0	1.08842749
365.847545	1.15246618	0	144.343482	286.420692	0	0
303.130823	1.15246618	0	166.550172	334.891886	0	0
480.828202	0	0	151.745712	311.390701	0	1.63264123
313.366194	11.5803365	0	98.6695783	205.660204	338.239452	155.901463
401.619305	7.49103017	0	157.174014	362.799543	0	4.2448672
905.908207	5.99282413	0	388.123585	832.529478	0	1772.23206

CHUNTC	Drug class
0	multidrug resistant
0	multidrug resistant
0	cephalosporin
0	cephalosporin
0	penam
0	multidrug resistant
0	aminoglycoside antibiotic
0	macrolide antibiotic
0	cephalosporin
0	cephalosporin
0	cephalosporin
0	multidrug resistant
0	phenicol antibiotic
0	isoniazid
0	fluoroquinolone antibiotic
0	aminoglycoside antibiotic
0	aminoglycoside antibiotic
0	multidrug resistant
0	aminoglycoside antibiotic
0	cephalosporin
0	diaminopyrimidine antibiotic
0	multidrug resistant
0	multidrug resistant
0	diaminopyrimidine antibiotic
0	fluoroquinolone antibiotic
0	glycopeptide antibiotic
0	multidrug resistant
0	multidrug resistant
0	glycopeptide antibiotic
0	multidrug resistant
0	multidrug resistant
0	aminoglycoside antibiotic
0	lincosamide antibiotic
0	multidrug resistant
0	cephalosporin
0	fluoroquinolone antibiotic
0	diaminopyrimidine antibiotic
0	cephalosporin

0 multidrug resistant
0 fluoroquinolone antibiotic
0 tetracycline antibiotic
0 diaminopyrimidine antibiotic
0 multidrug resistant
0 polyamine antibiotic
0 multidrug resistant
0 multidrug resistant
0 aminoglycoside antibiotic
0 glycopeptide antibiotic
0 monobactam
0 cephalosporin
0 multidrug resistant
0 lincosamide antibiotic
0 multidrug resistant
0 multidrug resistant
0 fluoroquinolone antibiotic
0 cephalosporin
0 multidrug resistant
0 multidrug resistant
0 peptide antibiotic
0 glycopeptide antibiotic
0 glycopeptide antibiotic
0 glycopeptide antibiotic
0 glycopeptide antibiotic
0 tetracycline antibiotic
0 multidrug resistant
0 glycopeptide antibiotic
0 fosfomycin
0 aminoglycoside antibiotic
0 glycopeptide antibiotic
0 aminoglycoside antibiotic
0 glycopeptide antibiotic
0 glycopeptide antibiotic
0 glycopeptide antibiotic
0 glycopeptide antibiotic
0 multidrug resistant
0 diaminopyrimidine antibiotic
0 macrolide antibiotic
0 peptide antibiotic
0 multidrug resistant

0	multidrug resistant
0	multidrug resistant
0	multidrug resistant
0	peptide antibiotic
0	glycopeptide antibiotic
0	cephalosporin
0	fluoroquinolone antibiotic
0	multidrug resistant
0	cephalosporin
0	macrolide antibiotic
0	multidrug resistant
0	glycopeptide antibiotic
0	peptide antibiotic
0	multidrug resistant
0	multidrug resistant
0	peptide antibiotic
0	multidrug resistant
0	fluoroquinolone antibiotic
0	multidrug resistant
0	cephalosporin
0	fluoroquinolone antibiotic
0	multidrug resistant
0	fluoroquinolone antibiotic
0	multidrug resistant
0.27556697	elfamycin antibiotic
0	multidrug resistant
0	tetracycline antibiotic
0	multidrug resistant
0	tetracycline antibiotic
0	glycopeptide antibiotic
0	lincosamide antibiotic
0	multidrug resistant
0	multidrug resistant
0	multidrug resistant
0	multidrug resistant
0	peptide antibiotic
0	glycopeptide antibiotic
0	fusidic acid
0	aminocoumarin antibiotic
0	diaminopyrimidine antibiotic
0	multidrug resistant

0	lincosamide antibiotic
0	multidrug resistant
0.90185554	multidrug resistant
0	peptide antibiotic
0	glycopeptide antibiotic
0	fluoroquinolone antibiotic
0	phenicol antibiotic
0	multidrug resistant
0	glycopeptide antibiotic
0	multidrug resistant
0	diaminopyrimidine antibiotic
0	tetracycline antibiotic
0	aminoglycoside antibiotic
0	glycopeptide antibiotic
0	tetracycline antibiotic
0	aminoglycoside antibiotic
0	aminoglycoside antibiotic
0	aminoglycoside antibiotic
0	multidrug resistant
0	cephalosporin
0	aminoglycoside antibiotic
0	carbapenem
0	cephalosporin
2.38089862	fluoroquinolone antibiotic
0	aminoglycoside antibiotic
0	cephalosporin
0	multidrug resistant
0	fluoroquinolone antibiotic
0	fosfomycin
0	multidrug resistant
0	cephalosporin
0	cephalosporin
0	diaminopyrimidine antibiotic
1.71500398	multidrug resistant
0.64002651	aminoglycoside antibiotic
0	multidrug resistant
0	multidrug resistant
0.04886902	penam
0	diaminopyrimidine antibiotic
0	multidrug resistant
0	multidrug resistant

1.87979069	penam
0	peptide antibiotic
0	nucleoside antibiotic
0	penam
0	aminoglycoside antibiotic
0	peptide antibiotic
0	aminoglycoside antibiotic
0.83179771	peptide antibiotic
0	cephalosporin
0	macrolide antibiotic
0	macrolide antibiotic
0	aminoglycoside antibiotic
0.86264443	penam
0	cephamycin
0	tetracycline antibiotic
0	aminoglycoside antibiotic
0	peptide antibiotic
0	elfamycin antibiotic
0	lincosamide antibiotic
0	phenicol antibiotic
0	multidrug resistant
51.2397098	diaminopyrimidine antibiotic
0.30701465	aminoglycoside antibiotic
0.98113954	multidrug resistant
0	elfamycin antibiotic
0	diaminopyrimidine antibiotic
0	aminoglycoside antibiotic
0	multidrug resistant
0.31776519	nucleoside antibiotic
0	multidrug resistant
0	multidrug resistant
0	multidrug resistant
0	multidrug resistant
0	multidrug resistant
0	multidrug resistant
0	multidrug resistant
0	macrolide antibiotic
0	multidrug resistant
0	multidrug resistant
0	fluoroquinolone antibiotic
0	multidrug resistant

0	aminoglycoside antibiotic
0	macrolide antibiotic
0	aminoglycoside antibiotic
0	multidrug resistant
2.20453576	multidrug resistant
0.58871125	multidrug resistant
0	multidrug resistant
0	tetracycline antibiotic
2.7556697	diaminopyrimidine antibiotic
22.4095853	carbapenem
9.4480104	tetracycline antibiotic
0	multidrug resistant
0	macrolide antibiotic
0	aminoglycoside antibiotic
0	aminoglycoside antibiotic
0	monobactam
7.44134028	multidrug resistant
0	multidrug resistant
2.191011	multidrug resistant
6.67111691	multidrug resistant
0	multidrug resistant
1.70713442	macrolide antibiotic
0	monobactam
19.8543743	glycylcycline
4.5786512	aminoglycoside antibiotic
0.45178342	diaminopyrimidine antibiotic
167.212342	sulfonamide antibiotic
164.091261	aminoglycoside antibiotic
0	macrolide antibiotic
1955.57153	fluoroquinolone antibiotic
4.13350455	cephalosporin
0.7002643	tetracycline antibiotic
29.099872	multidrug resistant
190.692343	sulfonamide antibiotic
177.717463	multidrug resistant
0	fluoroquinolone antibiotic
1.46969051	diaminopyrimidine antibiotic
41.0043652	macrolide antibiotic
54.1113323	multidrug resistant
0.73484525	fosfomycin
246.259612	aminoglycoside antibiotic

203.699104	multidrug resistant
33.0680364	multidrug resistant
148.25503	nitrofuran antibiotic
0.85643835	multidrug resistant
0.55113394	mupirocin
22.3281133	multidrug resistant
13.9620598	macrolide antibiotic
47.8699194	multidrug resistant
1.24005137	multidrug resistant
122.177692	multidrug resistant
0.73484525	macrolide antibiotic
121.954918	multidrug resistant
0	cephalosporin
173.359181	multidrug resistant
113.268489	multidrug resistant
121.149261	multidrug resistant
128.364105	multidrug resistant
284.857514	aminoglycoside antibiotic
152.112968	multidrug resistant
214.942237	multidrug resistant
40.1540442	cephamycin
76.3394188	multidrug resistant
154.102561	peptide antibiotic
200.675741	multidrug resistant
165.039564	multidrug resistant
166.599917	fluoroquinolone antibiotic
173.225637	multidrug resistant
65.116475	multidrug resistant
229.713838	peptide antibiotic
41.197262	multidrug resistant
382.762522	multidrug resistant
177.171942	multidrug resistant
278.701544	multidrug resistant
193.786209	multidrug resistant
188.187189	multidrug resistant
234.310658	multidrug resistant
217.190863	multidrug resistant
257.930684	multidrug resistant
183.711313	multidrug resistant
273.008134	peptide antibiotic
209.335048	multidrug resistant

251.317077	multidrug resistant
219.686781	multidrug resistant
238.089862	multidrug resistant
187.69106	isoniazid
273.141981	multidrug resistant
131.996579	multidrug resistant
266.284714	multidrug resistant
214.411822	multidrug resistant
81.8433901	multidrug resistant
270.186327	multidrug resistant
321.173304	multidrug resistant
320.130086	multidrug resistant
307.312285	aminocoumarin antibiotic
38.1554266	tetracycline antibiotic
659.325772	multidrug resistant
1.52621707	peptide antibiotic
419.633382	multidrug resistant
498.146349	multidrug resistant
598.94481	multidrug resistant
502.125415	multidrug resistant
533.805981	multidrug resistant
386.132918	multidrug resistant
275.15362	multidrug resistant
557.069229	fosfomycin
500.599197	multidrug resistant
525.01867	multidrug resistant
301.520368	multidrug resistant
550.964361	multidrug resistant
419.820288	multidrug resistant
298.494142	rifamycin antibiotic
610.486826	fosfomycin
422.444165	multidrug resistant
695.954982	peptide antibiotic
663.904423	triclosan
632.489789	multidrug resistant
636.432516	sulfonamide antibiotic
651.694687	multidrug resistant
670.009292	multidrug resistant
549.480538	fosfomycin
876.964326	fluoroquinolone antibiotic
1507.90246	elfamycin antibiotic

Antibiotic resistance genes (ARGs) identifed by state and expressed

#ARG - CARD ID	Drug Class	California
gb|AAA20116_1|ARO_3000180|tetA(P)	multidrug resistant(21)	8.590038664
gb|AAA20117_1|ARO_3000195|tetB(P)	tetracycline antibiotic	8.605339959
gb|AAA21532_1|ARO_3003559|cepA	cephalosporin	23.71275939
gb|AAA22081_1|ARO_3002670|cat	multidrug resistant(1)	0
gb|AAA22562_1|ARO_3002878|BcII	cephalosporin	0
gb|AAA22851_1|ARO_3000179|tet(L)	multidrug resistant(21)	0.07700347
gb|AAA22904_1|ARO_3000578|CcrA	carbapenem	0
gb|AAA23033_1|ARO_3000190|tetO	tetracycline antibiotic	17.4328257
gb|AAA24786_1|ARO_3000368|vanC	glycopeptide antibiotic	0.143525885
gb|AAA25293_1|ARO_3000192|tetS	tetracycline antibiotic	0.131647995
gb|AAA25655_1|ARO_3002670|cat	multidrug resistant(1)	1.210720925
gb|AAA26549_1|ARO_3002549|AAC(6_)-Ic	aminoglycoside antibiotic	0.574329033
gb|AAA26613_1|ARO_3002670|cat	multidrug resistant(1)	0
gb|AAA26793|ARO_3003748|oleC	multidrug resistant(10)	0
gb|AAA27471_1|ARO_3000205|tetX	glycylcycline	8.685202571
gb|AAA65953_1|ARO_3002919|vanRA	glycopeptide antibiotic	0
gb|AAA65954_1|ARO_3002931|vanSA	glycopeptide antibiotic	0
gb|AAA65955_1|ARO_3002942|vanHA	glycopeptide antibiotic	0
gb|AAA65956_1|ARO_3000010|vanA	glycopeptide antibiotic	0
gb|AAA65957_1|ARO_3002949|vanXA	glycopeptide antibiotic	0
gb|AAA65958_1|ARO_3002955|vanYA	glycopeptide antibiotic	0
gb|AAA65959_1|ARO_3002962|vanZA	glycopeptide antibiotic	0
gb|AAA88675_1|ARO_3000498|ErmF	macrolide antibiotic	6.453051205
gb|AAA98096_1|ARO_3000595|ErmT	macrolide antibiotic	0.012711582
gb|AAA98296_1|ARO_3000250|ErmC	macrolide antibiotic	3.891899941
gb|AAB05623_1|ARO_3002932|vanSB	glycopeptide antibiotic	0
gb|AAB49832_1|ARO_3002636|APH(2__)-IIIa	aminoglycoside antibiotic	0
gb|AAB53445_1|ARO_3002897|SAT-4	nucleoside antibiotic	0.980339485
gb|AAB57788_1|ARO_3000464|Neisseria	multidrug resistant(7)	0
gb|AAB63533_1|ARO_3002556|AAC(6_)-Ii	aminoglycoside antibiotic	0.067442015
gb|AAC23556_1|ARO_3002660|APH(6)-Id	aminoglycoside antibiotic	25.95587634
gb|AAC36915_1|ARO_3000593|ErmQ	macrolide antibiotic	0.181068602
gb|AAC37034_1|ARO_3000522|ErmG	macrolide antibiotic	26.54072033
gb|AAC41449_1|ARO_3001398|OXA-3	cephalosporin	0.002230861
gb|AAC74149_2|ARO_3001216|mdtH	multidrug resistant(21)	45.70520071
gb|AAC74603_2|ARO_3003378|Escherichia	multidrug resistant(16)	26.78237841
gb|AAC75089_1|ARO_3003577|PmrE	peptide antibiotic	78.7219975
gb|AAC75135_2|ARO_3000792|mdtA	multidrug resistant(14)	53.93777012

gb|AAC75136_1|ARO_3000793|mdtB	multidrug resistant(14)	122.3112803
gb|AAC75137_1|ARO_3000794|mdtC	multidrug resistant(14)	119.745918
gb|AAC75138_1|ARO_3001330|mdtD	multidrug resistant(1)	44.78227117
gb|AAC75314_1|ARO_3003578|PmrF	peptide antibiotic	34.53695292
gb|AAC75315_1|ARO_3002985|arnA	peptide antibiotic	39.62235678
gb|AAC75429_1|ARO_3000833|evgS	multidrug resistant(26)	52.86999886
gb|AAC75733_1|ARO_3000074|emrB	multidrug resistant(21)	46.92166118
gb|AAC76093_1|ARO_3002986|bacA	peptide antibiotic	147.7286031
gb|AAC76296_1|ARO_3000656|acrS	multidrug resistant(17)	53.3407694
gb|AAC76297_1|ARO_3000499|acrE	multidrug resistant(16)	118.4332319
gb|AAC76298_1|ARO_3000502|acrF	multidrug resistant(16)	48.01657787
gb|AAC76539_1|ARO_3000796|mdtF	multidrug resistant(14)	51.6981141
gb|AAC76733_1|ARO_3001215|mdtL	multidrug resistant(1)	71.05183587
gb|AAC77033_1|ARO_3003381|Escherichia	multidrug resistant(27)	167.6523091
gb|AAC77293_1|ARO_3001214|mdtM	multidrug resistant(21)	18.0143015
gb|AAC78336_1|ARO_3002826|EreA2	macrolide antibiotic	0
gb|AAD01867_1|ARO_3002875|dfrE	diaminopyrimidine antibiotic	4.505223256
gb|AAD01868_1|ARO_3002867|dfrF	diaminopyrimidine antibiotic	4.950239671
gb|AAD12753_1|ARO_3000177|tet(J)	multidrug resistant(21)	1.171034194
gb|AAD22403_1|ARO_3002970|vanTC	glycopeptide antibiotic	0.075914001
gb|AAD46626_1|ARO_3002596|AAC(6_)-IIc	aminoglycoside antibiotic	0
gb|AAD51344_1|ARO_3003051|smeA	multidrug resistant(16)	0.014211477
gb|AAD51345_1|ARO_3003052|smeB	multidrug resistant(16)	0.03934734
gb|AAD51346_1|ARO_3003053|smeC	multidrug resistant(16)	0.014006541
gb|AAD51347_1|ARO_3003067|smeS	multidrug resistant(16)	0.066747476
gb|AAD51348_1|ARO_3003066|smeR	multidrug resistant(16)	0.045937945
gb|AAF01499_1|ARO_3000193|tetT	tetracycline antibiotic	0.02419616
gb|AAF17880_1|ARO_3002605|aadA5	aminoglycoside antibiotic	7.138915654
gb|AAF61331_1|ARO_3002966|vanXYC	glycopeptide antibiotic	0.104518131
gb|AAF86219_1|ARO_3000375|ErmB	macrolide antibiotic	6.873118133
gb|AAF86641_1|ARO_3002922|vanRC	glycopeptide antibiotic	0.342777509
gb|AAF86642_1|ARO_3002933|vanSC	glycopeptide antibiotic	0.193442563
gb|AAF86691_1|ARO_3001816|ACC-2	monobactam	0
gb|AAG03357_1|ARO_3000596|ErmX	macrolide antibiotic	2.749210869
gb|AAK01167_1|ARO_3002819|msrC	multidrug resistant(7)	0.015965555
gb|AAK60186_1|ARO_3003014|dfrA16	diaminopyrimidine antibiotic	0.008471778
gb|AAK63040_1|ARO_3002635|APH(2__)-IIa	aminoglycoside antibiotic	0.050242829
gb|AAK63041_1|ARO_3002559|AAC(6_)-Ip	aminoglycoside antibiotic	0.057714839
gb|AAL08441_1|ARO_3002670|cat	multidrug resistant(1)	1.81518144
gb|AAL12234_1|ARO_3003552|fusB	fusidic acid	0.113070762
gb|AAL51021_2|ARO_3002598|ANT(3__)-Ii-AAC(6_)	aminoglycoside antibiotic	0.005509422

gb|AAL59753_1|ARO_3000412|sul2	sulfonamide antibiotic	25.57189234
gb|AAL78275_1|ARO_3002391|OXY-1-3	monobactam	2.795989971
gb|AAM09851_1|ARO_3002923|vanRD	glycopeptide antibiotic	0.011422977
gb|AAN28721_1|ARO_3002871|tet37	tetracycline antibiotic	0.02955117
gb|AAN62561_1|ARO_3003970|D-Ala-D-Ala	glycopeptide antibiotic	0.209896901
gb|AAN82549_1|ARO_3003369|Escherichia	elfamycin antibiotic	500.4949151
gb|AAO04716_1|ARO_3002865|dfrC	diaminopyrimidine antibiotic	3.814861175
gb|AAO16462_1|ARO_3000167|tet(C)	multidrug resistant(21)	0.026048029
gb|AAO82019_1|ARO_3002916|vanV	multidrug resistant(1)	0
gb|AAP69916_1|ARO_3001780|OXA-85	cephalosporin	0
gb|AAP93922_1|ARO_3000569|tet(41)	multidrug resistant(21)	0.155627613
gb|AAR20595_1|ARO_3000090|BLA1	penam	0
gb|AAS13767_1|ARO_3003839|Mrx	multidrug resistant(1)	18.14098288
gb|AAS68233_1|ARO_3000391|norA	multidrug resistant(21)	6.054659316
gb|AAT46077_1|ARO_3000300|lsaA	multidrug resistant(7)	2.52718657
gb|AAU10334_1|ARO_3002628|aad(6)	aminoglycoside antibiotic	4.893924638
gb|AAU95768_1|ARO_3000026|mepA	multidrug resistant(4)	0.034006311
gb|AAV80464_1|ARO_3000565|tet(38)	multidrug resistant(21)	0.042062122
gb|AAV97957_1|ARO_3001933|CTX-M-72	cephalosporin	1.64535874
gb|AAX14802_1|ARO_3000781|adeJ	multidrug resistant(18)	0.422169263
gb|AAX14803_1|ARO_3000782|adeK	multidrug resistant(18)	0.072408383
gb|AAY32951_1|ARO_3002837|lnuC	lincosamide antibiotic	3.221886657
gb|ABA71731_1|ARO_3002909|vanG	glycopeptide antibiotic	0.024849043
gb|ABA71732_1|ARO_3003069|vanXYG	glycopeptide antibiotic	0.018261764
gb|ABA71733_1|ARO_3002972|vanTG	glycopeptide antibiotic	0.034749616
gb|ABD73290_1|ARO_3001920|CTX-M-59	cephalosporin	0
gb|ABF66011_1|ARO_3002881|lmrC	multidrug resistant(7)	1.14299143
gb|ABF66027_1|ARO_3002882|lmrD	multidrug resistant(11)	1.65267154
gb|ABG77965_1|ARO_3004042|Enterobacter	multidrug resistant(16)	126.1375195
gb|ABG91835_1|ARO_3002860|dfrA17	diaminopyrimidine antibiotic	5.051573945
gb|ABK33456_1|ARO_3002639|APH(3__)-Ib	aminoglycoside antibiotic	40.09742025
gb|ABR14060_1|ARO_3002838|lnuD	lincosamide antibiotic	0
gb|ABR75897_1|ARO_3003373|Klebsiella	multidrug resistant(16)	26.79122971
gb|ABR76005_1|ARO_3003380|Klebsiella	multidrug resistant(16)	27.51730676
gb|ABW70410_1|ARO_3001644|OXA-113	cephalosporin	0.020383093
gb|ABX54688_1|ARO_3002968|vanXYL	glycopeptide antibiotic	0.005414966
gb|ACA23185_1|ARO_3000194|tetW	tetracycline antibiotic	12.21154813
gb|ACC85616_1|ARO_3002804|FosA2	fosfomycin	2.34591615
gb|ACG70184_1|ARO_3002788|QnrD1	fluoroquinolone antibiotic	0.004795645
gb|ACI32877_1|ARO_3002859|dfrA14	diaminopyrimidine antibiotic	7.952470446
gb|ACN32294_1|ARO_3000237|tolC	multidrug resistant(29)	44.14624926

gb|ACR57831_1|ARO_3003022|dfrB3	diaminopyrimidine antibiotic	0.004873891
gb|ACS44784_1|ARO_3002185|MOX-6	cephalosporin	0
gb|ACT97371_1|ARO_3003097|CfxA6	cephamycin	42.3694675
gb|ACT97415_1|ARO_3002999|CblA-1	cephalosporin	1.405309028
gb|ADJ67256|ARO_3003319|Staphylococcus	peptide antibiotic	0.023662007
gb|ADM92605_1|ARO_3000553|adeR	multidrug resistant(14)	0.026451689
gb|ADM92606_1|ARO_3000549|adeS	multidrug resistant(14)	0.012884689
gb|ADQ43421_1|ARO_3002646|APH(3_)-IIc	aminoglycoside antibiotic	0.005593096
gb|ADX95999_1|ARO_3002873|FosB3	fosfomycin	0.009825548
gb|AEA37904_1|ARO_3003112|lsaC	multidrug resistant(7)	0
gb|AEG74319_1|ARO_3002794|QnrS5	fluoroquinolone antibiotic	0
gb|AEJ33969_1|ARO_3000410|sul1	sulfonamide antibiotic	16.95291626
gb|AEL31272_1|ARO_3002756|QnrB41	fluoroquinolone antibiotic	45.82379083
gb|AET10444_1|ARO_3004032|tetA(46)	multidrug resistant(10)	0.260343973
gb|AET10445_1|ARO_3004033|tetB(46)	multidrug resistant(10)	0.278152923
gb|AET15272_1|ARO_3003197|aadA25	aminoglycoside antibiotic	2.503710909
gb|AET35493_1|ARO_3001777|OXA-347	cephalosporin	0.013660472
gb|AEV91550_1|ARO_3001710|OXA-211	cephalosporin	0.003640412
gb|AFC91828_1|ARO_3003041|Streptococcus	cephalosporin	0.024218202
gb|AFC91898_1|ARO_3003043|Streptococcus	cephalosporin	0.042552492
gb|AFH35853_1|ARO_3001328|mdfA	multidrug resistant(21)	26.0210456
gb|AFK13827_1|ARO_3000825|robA	multidrug resistant(1)	6.889784208
gb|AFK13828_1|ARO_3000823|ramA	multidrug resistant(18)	9.323186617
gb|AFK31666_1|ARO_3000567|tet(40)	multidrug resistant(21)	9.777607005
gb|AFK58561_1|ARO_3003079|Enterococcus	peptide antibiotic	0.036844098
gb|AFK58562_1|ARO_3003078|Enterococcus	peptide antibiotic	0.042088085
gb|AFU35063_1|ARO_3002630|ANT(9)-Ia	aminoglycoside antibiotic	0.588691362
gb|AFU35065_1|ARO_3003206|lsaE	multidrug resistant(7)	0
gb|AGC51118_1|ARO_3000617|mecA	penam	0.916907642
gb|AGI42804_1|ARO_3002836|lnuB	lincosamide antibiotic	0
gb|AGN33258_1|ARO_3002829|vgaA	multidrug resistant(7)	0.398726577
gb|AGV10830_1|ARO_3002647|APH(3_)-IIIa	aminoglycoside antibiotic	1.088891141
gb|AGV28567_1|ARO_3000559|adeN	multidrug resistant(18)	0.077139862
gb|AHA80960_1|ARO_3001388|TEM-211	multidrug resistant(4)	62.26326879
gb|AHB39758_1|ARO_3003013|dfrA15	diaminopyrimidine antibiotic	0
gb|AHH83938_1|ARO_3000013|vanB	glycopeptide antibiotic	0.001719259
gb|AHV80711_1|ARO_3002863|dfrA8	diaminopyrimidine antibiotic	0.020883427
gb|AHW42429_1|ARO_3002858|dfrA12	diaminopyrimidine antibiotic	0.860594016
gb|AIA58911_1|ARO_3001396|OXA-1	cephalosporin	1.201882391
gb|AIJ27543_1|ARO_3002629|ANT(6)-Ib	aminoglycoside antibiotic	6.464651481
gb|AIL15701|ARO_3003775|Escherichia	fosfomycin	136.5410401

gb|AIN56719_1|ARO_3002496|OXA-418	cephalosporin	0.001899345
gb|AIT76100_1|ARO_3002152|DHA-21	cephalosporin	0.018261299
gb|AIT76113_1|ARO_3002174|MIR-9	monobactam	6.931575283
gb|AJD73064_1|ARO_3001301|RlmA(II)	macrolide antibiotic	0.017379533
gb|AJE60855_1|ARO_3003209|FosA5	fosfomycin	15.52518171
gb|AJF82049_1|ARO_3003573|LpxA	peptide antibiotic	0.113944373
gb|AJF83452_1|ARO_3003574|LpxC	peptide antibiotic	0.127654076
gb|AKN19287_1|ARO_3002578|AAC(6_)-Ib7	aminoglycoside antibiotic	8.85415517
gb|ALH22601_1|ARO_3000620|adeL	multidrug resistant(14)	0.092364508
gb|ALL09868|ARO_3003092|Enterococcus	peptide antibiotic	0.016975201
gb|AMP35312_1|ARO_3002831|vgaC	multidrug resistant(7)	24.22324256
gb|ANK04027_1|ARO_3003838|gadW	multidrug resistant(14)	19.17507248
gb|ANP63073_1|ARO_3003741|mphD	macrolide antibiotic	0
gb|ANZ79241_1|ARO_3004036|tetB(60)	multidrug resistant(10)	0.00043051
gb|BAA03776_1|ARO_3000316|mphA	macrolide antibiotic	21.57168764
gb|BAA11236_1|ARO_3000206|emrK	multidrug resistant(21)	41.24018073
gb|BAA11237_1|ARO_3000254|emrY	multidrug resistant(21)	57.27777179
gb|BAA15934_1|ARO_3000829|baeS	multidrug resistant(14)	88.60721808
gb|BAA16547_1|ARO_3000027|emrA	multidrug resistant(21)	115.5356566
gb|BAA23130_1|ARO_3002493|SRT-1	cephalosporin	0.811631087
gb|BAA37152_1|ARO_3003702|Pseudomonas	fluoroquinolone antibiotic	0
gb|BAC11911_1|ARO_3003551|emeA	multidrug resistant(4)	1.918944196
gb|BAD89844_2|ARO_3000753|abeM	multidrug resistant(5)	0.071985088
gb|BAD95494_1|ARO_3002895|SAT-1	nucleoside antibiotic	0.027260579
gb|BAE06005_1|ARO_3003704|mexM	multidrug resistant(14)	0.001006686
gb|BAE15963_1|ARO_3002868|dfrG	diaminopyrimidine antibiotic	0.14681537
gb|BAE77595_1|ARO_3003303|Escherichia	aminocoumarin antibiotic	72.65043193
gb|BAE77781_1|ARO_3000795|mdtE	multidrug resistant(14)	65.88324704
gb|BAE77933_1|ARO_3000518|CRP	multidrug resistant(14)	122.6879656
gb|BAE78082_1|ARO_3003550|mdtP	multidrug resistant(21)	113.4816095
gb|BAE78083_1|ARO_3003549|mdtO	multidrug resistant(21)	50.11388027
gb|BAE78084_1|ARO_3003548|mdtN	multidrug resistant(21)	105.7650589
gb|BAE78116_1|ARO_3003576|PmrC	peptide antibiotic	52.01504559
gb|BAG75524_1|ARO_3003954|efmA	multidrug resistant(21)	0.035420357
gb|BAJ09383_1|ARO_3003046|qacA	multidrug resistant(21)	2.939518484
gb|BAJ17544_1|ARO_3002069|CMY-59	cephamycin	3.389877779
gb|BAO21229_1|ARO_3003199|AAC(6_)-Iak	aminoglycoside antibiotic	0
gb|CAA37052_1|ARO_3002995|ROB-1	cephalosporin	0
gb|CAA38525_1|ARO_3002535|AAC(3)-IIc	aminoglycoside antibiotic	19.250833
gb|CAA39038_1|ARO_3002553|AAC(6_)-If	aminoglycoside antibiotic	0.002833417
gb|CAA52904_1|ARO_3002688|catS	phenicol antibiotic	4.874989328

gb|CAA63498_1|ARO_3002670|cat	multidrug resistant(1)	0
gb|CAA67349_1|ARO_3003359|Streptomyces	elfamycin antibiotic	0.288009745
gb|CAA77936_1|ARO_3004039|Escherichia	multidrug resistant(5)	37.55198697
gb|CAA79727_1|ARO_3000191|tetQ	tetracycline antibiotic	75.6797773
gb|CAC14594_1|ARO_3003055|smeD	multidrug resistant(14)	0.025840141
gb|CAC14595_1|ARO_3003056|smeE	multidrug resistant(14)	0
gb|CAC14596_1|ARO_3003057|smeF	multidrug resistant(14)	0.011004604
gb|CAC19929_1|ARO_3002854|dfrA1	diaminopyrimidine antibiotic	0.032070052
gb|CAC41008_1|ARO_3004041|Klebsiella	multidrug resistant(16)	14.582385
gb|CAC41371_1|ARO_3000196|tet32	tetracycline antibiotic	1.479454498
gb|CAC81324_1|ARO_3003015|dfrA19	diaminopyrimidine antibiotic	0
gb|CAD09823_1|ARO_3003479|tetR	multidrug resistant(21)	3.075533018
gb|CAE00499_1|ARO_3003835|cdeA	multidrug resistant(4)	0.16224439
gb|CAE50925_1|ARO_3002589|AAC(6_)-Iid	aminoglycoside antibiotic	0
gb|CAE50926_1|ARO_3002590|AAC(6_)-Iih	aminoglycoside antibiotic	0
gb|CAE51638_1|ARO_3002641|APH(3_)-Ia	aminoglycoside antibiotic	0.729902025
gb|CAE51745_1|ARO_3000168|tet(D)	multidrug resistant(21)	2.182898732
gb|CAJ67339_1|ARO_3000186|tetM	tetracycline antibiotic	0.069301122
gb|CAL44992_1|ARO_3002835|lnuA	lincosamide antibiotic	0.249088761
gb|CAP12359_2|ARO_3002452|OKP-B-19	cephalosporin	5.265988063
gb|CAP69659_1|ARO_3003017|dfrA21	diaminopyrimidine antibiotic	0
gb|CAQ03505_1|ARO_3001338|SHV-100	carbapenem	11.65101922
gb|CBH51823_1|ARO_3000556|tet44	tetracycline antibiotic	0.00318341
gb|CBH51824_1|ARO_3002629|ANT(6)-Ib	aminoglycoside antibiotic	0.00900385
gb|CCP46182_1|ARO_3003035|mfpA	fluoroquinolone antibiotic	0
gb|CCP46624_1|ARO_3003326|Mycobacterium_gb	polyamine antibiotic	0.00228594
gb|CDJ72593|ARO_3003889|Escherichia	fosfomycin	131.6251745
gb|CDJ73208|ARO_3003890|Escherichia	fosfomycin	188.5144888
gb|CDO13981_1|ARO_3003585|Klebsiella	multidrug resistant(10)	41.94099765
gb|CDO61513_1|ARO_3003948|efrA	multidrug resistant(10)	2.006737212
gb|CDO61516_1|ARO_3003949|efrB	multidrug resistant(10)	1.118470585
gb|EEX02086|ARO_3004089|ANT(3__)-IIa	aminoglycoside antibiotic	0.047767604
gb|EFF04178_1|ARO_3000309|emrD	multidrug resistant(21)	176.5883133
gb|NP_216424_1|ARO_3003392|Mycobacterium	isoniazid	0
gb|NP_249397_1|ARO_3002679|catB7	phenicol antibiotic	0
gb|NP_252408_1|ARO_3004056|ArmR	multidrug resistant(19)	0.004497666
gb|NP_252410_1|ARO_3000818|nalC	multidrug resistant(19)	0.000399539
gb|NP_309766_1|ARO_3000676|H-NS	multidrug resistant(27)	31.64291014
gb|NP_311275_1|ARO_3000832|evgA	multidrug resistant(26)	33.43355101
gb|NP_312864_1|ARO_3000830|cpxA	multidrug resistant(14)	71.01327544
gb|NP_312937_1|ARO_3003288|Escherichia	rifamycin antibiotic	134.764091

gb|NP_358469_1|ARO_3000822|pmrA	multidrug resistant(21)	0.13633544
gb|NP_358969_1|ARO_3000025|patB	multidrug resistant(10)	0.047333522
gb|NP_359110_1|ARO_3003042|Streptococcus	cephalosporin	0.021337667
gb|NP_373280_1|ARO_3000124|mecI	penam	1.136749341
gb|NP_414618_4|ARO_3003843|leuO	multidrug resistant(1)	54.25195543
gb|NP_414995_1|ARO_3000216|acrB	multidrug resistant(16)	113.1141202
gb|NP_414997_1|ARO_3003807|Escherichia	multidrug resistant(16)	43.09473979
gb|NP_415222_1|ARO_3003841|kdpE	aminoglycoside antibiotic	38.86526202
gb|NP_415372_1|ARO_3003751|Escherichia	nitrofuran antibiotic	24.68233236
gb|NP_415434_1|ARO_3003950|msbA	multidrug resistant(10)	109.3527151
gb|NP_415611_1|ARO_3004049|antibiotic	triclosan	165.7986183
gb|NP_415632_1|ARO_3003844|mfd	fluoroquinolone antibiotic	40.47704823
gb|NP_415804_1|ARO_3004045|antibiotic	isoniazid	52.19946181
gb|NP_416292_1|ARO_3002818|msrB	multidrug resistant(7)	29.68222682
gb|NP_416715_1|ARO_3003952|YojI	multidrug resistant(10)	40.19035949
gb|NP_417169_1|ARO_3000516|emrR	multidrug resistant(21)	124.9654682
gb|NP_417544_5|ARO_3000024|patA	multidrug resistant(10)	60.35682794
gb|NP_417969_1|ARO_3003834|gadE	multidrug resistant(1)	28.80497724
gb|NP_418486_1|ARO_3003511|Escherichia	multidrug resistant(29)	63.05148168
gb|NP_460903_1|ARO_3000826|sdiA	multidrug resistant(16)	59.00958035
gb|NP_461214_1|ARO_3003926|Salmonella	multidrug resistant(1)	30.02804086
gb|NP_462089_1|ARO_3003939|Salmonella	fluoroquinolone antibiotic	0.5686673
gb|NP_462096_1|ARO_3003317|Salmonella	fluoroquinolone antibiotic	232.012225
gb|NP_863643_1|ARO_3002597|AAC(6_)-Ie-APH(2_	aminoglycoside antibiotic	1.427768915
gb|NP_899170_1|ARO_3000599|Erm(33)	macrolide antibiotic	29.28426152
gb|Q0SSM7|ARO_3003773|Clostridium	peptide antibiotic	1.745490367
gb|Q8DWT2|ARO_3003774|Streptococcus	peptide antibiotic	0.015467406
gb|WP_001025093|ARO_3003323|Staphylococcus	peptide antibiotic	0.050583142
gb|WP_002333496_1|ARO_3004085|lnuG	lincosamide antibiotic	0
gb|WP_002530866_1|ARO_3003974|Propionibacte	fluoroquinolone antibiotic	0.04056415
gb|WP_004746565_1|ARO_3003848|ADC-2	cephalosporin	0.043117667
gb|WP_009887863_1|ARO_3003357|Clostridium	elfamycin antibiotic	1.827333922
gb|WP_014065640_1|ARO_3003924|Haemophilus	fluoroquinolone antibiotic	4.712936181
gb|WP_014550864_1|ARO_3003953|hmrM	multidrug resistant(4)	0.209234571
gb|WP_041918279_1|ARO_3003925|Haemophilus	fluoroquinolone antibiotic	12.39889083
gb|YP_001086469_1|ARO_3003995|Clostridium	fluoroquinolone antibiotic	0.507815846
gb|YP_001245420_1|ARO_3000215|mecR1	penam	0.628941253
gb|YP_001315192_1|ARO_3000347|ErmA	macrolide antibiotic	0.052209201
gb|YP_001332362_1|ARO_3000838|arlR	multidrug resistant(21)	0.019959471
gb|YP_001440920_1|ARO_3000746|mepR	multidrug resistant(4)	0.026187794
gb|YP_001569085_1|ARO_3000621|PC1	penam	0.743833559

gb|YP_001693237_1|ARO_3003922|oqxA	multidrug resistant(15)	34.98250305
gb|YP_001693238|ARO_3003923|oqxB	multidrug resistant(15)	60.12887531
gb|YP_001706893_1|ARO_3000778|adeG	multidrug resistant(14)	0.104815546
gb|YP_001706894_1|ARO_3000777|adeF	multidrug resistant(14)	0.058974023
gb|YP_001713101_1|ARO_3000779|adeH	multidrug resistant(14)	0.054640075
gb|YP_002002225_1|ARO_3000817|mtrR	multidrug resistant(26)	0.030618168
gb|YP_002320475_1|ARO_3000780|adeI	multidrug resistant(18)	0.040434056
gb|YP_002325052_1|ARO_3000768|abeS	multidrug resistant(5)	0.077047956
gb|YP_002325610_1|ARO_3000774|adeA	multidrug resistant(14)	0.004193873
gb|YP_002325611_1|ARO_3000775|adeB	multidrug resistant(14)	0.037083019
gb|YP_002743273_1|ARO_3000616|mel	multidrug resistant(7)	5.905746621
gb|YP_003281576_1|ARO_3000815|mgrA	multidrug resistant(22)	1.511072735
gb|YP_003283625_1|ARO_3000178|tet(K)	multidrug resistant(21)	2.312410354
gb|YP_003971446|ARO_3003730|Bifidobacteria	mupirocin	21.97059214
gb|YP_005226137_1|ARO_3003966|Klebsiella	multidrug resistant(6)	44.03075645
gb|YP_005228001_1|ARO_3003968|Klebsiella	multidrug resistant(6)	8.152216337
gb|YP_006374661_1|ARO_3003438|Enterococcus	elfamycin antibiotic	0.052308469
gb|YP_006938491_1|ARO_3003905|ANT(4_)-Ib	aminoglycoside antibiotic	1.387437989
gb|YP_007503840_1|ARO_3000165|tet(A)	multidrug resistant(21)	1.960832692
gb|YP_007503908_1|ARO_3003306|Morganella	fluoroquinolone antibiotic	0.010333474
gb|YP_008997281_1|ARO_3002626|ANT(6)-Ia	aminoglycoside antibiotic	0.478328571
gb|YP_008997285_1|ARO_3000615|mefA	multidrug resistant(1)	3.278424053
gb|YP_009077553_1|ARO_3002680|catB8	phenicol antibiotic	1.388702131
gb|YP_039482_1|ARO_3003301|Staphylococcus	aminocoumarin antibiotic	0.096614218
gb|YP_039483_1|ARO_3003296|Staphylococcus	fluoroquinolone antibiotic	0.009161659
gb|YP_039996_1|ARO_3003285|Staphylococcus_gb	multidrug resistant(1)	0.006385098
gb|YP_039997_1|ARO_3003291|Staphylococcus	peptide antibiotic	0.080537076
gb|YP_040771_1|ARO_3003315|Staphylococcus	fluoroquinolone antibiotic	0.027524333
gb|YP_186749_1|ARO_3000489|sav1866	multidrug resistant(10)	0.035044245
gb|YP_207769_1|ARO_3003928|Neisseria	fluoroquinolone antibiotic	0.026738784
gb|YP_208330_1|ARO_3003929|Neisseria	fluoroquinolone antibiotic	0.006015631
gb|YP_208874_1|ARO_3003930|rpsJ	tetracycline antibiotic	0.076937844
gb|YP_489201_1|ARO_3003390|Escherichia	multidrug resistant(6)	30.02017444
gb|YP_489321_1|ARO_3001329|mdtG	multidrug resistant(21)	159.630805
gb|YP_489794_1|ARO_3000263|marA	multidrug resistant(18)	103.6715324
gb|YP_490321_1|ARO_3000828|baeR	multidrug resistant(14)	38.40982504
gb|YP_490697_1|ARO_3000491|acrD	multidrug resistant(14)	170.1062767
gb|YP_491362_1|ARO_3003386|Escherichia	sulfonamide antibiotic	153.969995
gb|YP_491919_1|ARO_3000508|gadX	multidrug resistant(14)	20.9743452
gb|YP_499945_1|ARO_3000839|arlS	multidrug resistant(21)	0.003767185
gb|YP_500802_1|ARO_3003074|Staphylococcus	peptide antibiotic	0.054598182

l in mean RPKM

Georgia	Oregon	Pennsylvania	South Carolina
9.2410617	3.512471834	0.961423514	7.021205096
7.7863029	0.358255531	5.595065709	6.255605131
23.4687037	23.26078837	24.37275788	33.99257829
0	0	0	0.005914887
0.00229239	0	0	0
8.30946086	0	0.264529465	3.210080393
0.02393384	9.147727889	0	0.002043733
2.62159288	19.38232091	18.03555136	18.35722532
0	0.078149486	0	0.446528249
0.15790394	0.376015615	0	0.239210263
0	0	0.017320382	2.026950174
0.96311803	0	0.958564283	0.001542799
0	0	0	0.012303963
0.00587493	0.007665206	0	0.001574257
10.8128658	0.489573138	39.27660862	5.40626762
0	0	0	0.155534729
0	0	0	0.153704909
0	0	0	0.151147852
0	0	0	0.120971456
0	0	0	0.088361759
0	0	0	0.146588433
0	0	0	0.097776259
22.8121565	94.58328009	40.24247393	18.35523393
10.9868575	0	0	3.724591195
4.27439686	0.458908934	0.066705079	4.335045971
0	0	0.035118806	0
0	0	0	0.003628622
6.57346775	0.015203791	0.118551113	0.716730207
0.00656634	0	0	0
7.08146666	0.142722805	0	0.534573009
11.2644054	3.638671345	0.533227379	6.14126193
3.95573314	0.039803789	0.169537005	0.858230471
9.5001193	44.52424704	5.324209074	15.42201546
0	0	0	0
50.5934994	37.11836086	32.07871494	48.4493564
27.8224643	19.58858561	17.57750068	28.89486182
102.563752	89.92280665	38.53930114	84.2237985
50.1088461	28.09964508	35.37713854	50.74248881

132.823216	91.81858437	81.00132674	131.6336501
132.276033	96.07006123	88.29233992	128.8961071
48.6187867	39.14445164	34.82050406	50.76815645
38.7658499	29.56096676	26.91001273	41.70277641
44.6261429	36.45774157	24.91474294	43.44171708
58.5677779	40.30897933	36.95497569	55.44047579
53.9553821	36.53539635	34.67340339	51.28521263
152.768422	112.3431869	108.0914383	146.4716048
57.7391892	40.32709126	38.95990414	54.977276
131.759093	92.60102316	98.87676605	126.4505775
50.9867551	35.6107823	36.09597539	48.37376099
55.4309871	39.93255351	34.4290002	55.41092675
75.6267812	50.45371833	52.64885956	72.82711561
155.090223	74.64634069	80.42839698	129.5740094
15.591378	9.592916698	18.80791729	18.34550742
4.59207272	0	0	0
15.7930662	34.81415168	0.165348859	23.95036251
16.2221825	7.167708852	6.839317527	11.0907011
0	0	0	1.393569927
0	0.087148949	0	0.235648657
4.1303967	0	0	0
0	0	0	0
0.03976543	0	0	0
0	0	0	0.000775162
0	0	0	0
0.02489993	0	0	0
0.49945678	0	0	0
14.5522711	0	0.050433225	2.883714197
0	0.052473297	0	0.343100493
15.7413794	9.806773482	10.88921072	10.22387349
0	0.267049278	0	0.938163041
0	0.323696095	0	0.565280685
0	0	0.17208243	0
6.66258629	10.66496078	7.744071854	9.354288744
3.01456293	0.093381822	0	0.197105383
0	0	0	0
0	0.072029136	0.030399331	1.238937817
0	0.032927605	0.038411558	1.720336282
4.20284686	2.131551928	4.331577714	4.222003756
0.18638322	0	0.032269122	0.361845981
0	0	0	0

17.9495091	5.108578783	0.652375544	4.778243221
13.0270361	0.596428923	0.492210742	14.82809561
0	0	0	0.946586425
0	0	0	0
0.12658998	0.210216351	0	0.326916066
433.99121	277.8490314	319.530457	473.0330007
11.6349988	3.185063966	0.992893056	3.600223276
0	0	0	0
0	0	0.015600457	0
0.46460951	0	0	0
0.28077667	0	0.475690669	0
0.00146181	0	0	0
12.9860238	0	0.118261229	2.023006168
18.1992736	3.973465994	1.929120503	5.733160353
8.08934368	24.77327252	0	15.27965617
26.4661809	0	0.508709397	2.898408079
0.37495736	0.010933405	0.170814555	0.096445936
0.30485546	0.033805044	0.14124007	0.09365017
0	0	0.014628669	0.514449719
1.09064556	0	0.119059435	0.001732541
0.35527771	0	0.028890984	0.00344194
2.99172168	0.247193901	0.138250984	1.361814758
0	0	0	0.060105495
0	0	0.007697863	0.080848992
0	0	0	0.114750933
0.03903597	0	0	0
0.00498692	0.088577183	31.32183544	0.083062658
0.00098889	0.037176328	50.20338154	0.160947178
134.417766	65.41988221	67.24495047	121.776026
2.7229404	1.037451288	0.031811726	0.806415219
20.8419348	6.250605418	1.100322783	10.14208622
0.04616553	0	0	0
27.5983306	9.348005516	8.119504673	22.23319161
30.9967777	13.46642146	10.95315397	20.72657041
0	0	0	0
0.00298919	0.014206578	0	0
2.00203958	7.314455194	4.097570439	6.481244408
0.38385567	0.260288939	0.040355518	0.131469602
0	2.223039068	0.006061603	0.09531598
2.01526071	0	1.418956853	0.386575094
49.2905518	34.88348717	30.15939933	46.64274863

0.00141244	0	0	0.003185088
0	0	0	0.003897903
21.349983	11.73022592	83.10047172	36.75793612
0.11291939	1.514492807	2.748257914	2.601719701
0.22085015	0	0.012882819	0.030110022
0.23712121	0	0	0
0	0	0	0
0	0	0	0
0.11344015	0	0	0
0.30400695	0.17401541	0	0.274984561
0.37867544	0	0	0.080504334
15.0474772	3.13838893	1.150091387	7.161073302
4.11365584	0.135699698	11.13036292	0.027660458
6.65953899	0.168463427	0.137947747	2.211292445
4.63085969	0.159764094	0.108772592	1.673140704
5.02660965	0	1.253487314	8.220884844
0	6.105674985	1.895179284	0.305146372
0	0	0	0
0	0	0	0
0.02998799	0	0	0.004689258
29.0965113	19.37313266	18.12979666	27.57659482
14.8016108	0.552968934	0.101677059	3.630824725
5.91679197	0.328907475	3.664461768	2.508934989
0.73311603	6.239711172	1.579213221	2.447825778
3.83206015	0.138497647	0	0.233675778
5.34667875	0.120753884	0	0.338428916
0	0	0	0.988968651
0	0	0	1.114539896
3.11867821	0.484596854	0.020350702	1.279807438
0	0	0	0.671610061
1.94044439	0.557286382	0.5616092	1.101732828
5.4709145	0.035678193	0.357204494	0.612279302
0	0	0	0
24.4492589	7.416599728	27.20255132	34.00781701
0.01853675	0	0	0
0	0	0.021252797	0.032335683
0	0	0	0
0	0	0.065117156	0.087210581
0.87668429	0	0.073143343	0
2.982462	3.225179567	0.802156851	7.031371693
122.229521	82.77031362	89.76943444	119.5448488

0	0	0.00672592	0
2.17532794	0.073511701	0	0.002207059
10.1207237	0.980173258	7.510700281	6.082472434
0.09283381	0	0.023898387	0.054567592
22.830265	18.44849663	11.39623421	13.51360846
0	0	0	0
0.57198572	0	0.171035583	0.009435242
0	0	0.438860057	0
0.40699909	0	0.12891346	0.007376598
3.59106352	0.047574268	0	0.184617179
26.0869413	24.47613985	16.337924	19.35310106
29.9130578	32.82845811	7.03977669	28.20824505
0.00222049	0	0	0
0	0	0	0.001231669
13.3352139	0	0.261635295	2.349975714
42.8304763	27.79928124	26.97492803	43.43402565
61.6612995	39.11513646	43.51753884	60.08791742
84.7853512	16.74494402	85.19429516	80.39032329
123.014809	88.71454773	82.50291172	122.3759781
1.89688199	0	0.599447591	0
0.01142933	0	0	0.001505195
7.32172237	14.76812555	0.008959784	10.02411529
0.58225419	0	0.227071311	0.002140297
1.15530301	0	0	2.78101248
0	0	0	0
0.35332169	0.041255385	0	0.700500562
77.8976947	52.36026392	56.52544328	73.8950386
68.0914168	50.54786562	45.55137436	70.81568575
151.858242	60.16876094	65.84780959	118.8251843
111.454131	67.17731678	86.0863715	107.6084375
44.4111164	32.2350282	33.15807393	44.65349604
109.786417	77.79595678	76.81932774	108.2496263
51.3314283	37.60182984	42.4249669	53.73987412
3.16245456	0.060399933	0	0.280842885
8.19832246	3.74250127	0.189088258	4.846955497
1.96904116	2.065604028	0.221565717	0.594782927
0.0014912	0	0	0
0	0	0	0.00093599
8.11838346	0	0.119873812	1.334764562
0	0.052600615	0	0
1.42164397	0	8.837970983	0

0	0	0	0.156492731
0.02278529	0.318661376	0.259936297	0.190249943
47.3783553	45.10566851	23.02508923	42.02576101
51.748375	163.6237301	140.4349547	79.92463563
0.03141253	0	0	0.016474419
0.02982407	0	0	0.004731909
0.00655674	0	0	0.01774466
1.15144567	0	0	2.254014178
18.2081683	2.374014515	6.606221487	10.31978429
0.89564684	4.686540988	2.43509782	2.08640271
2.56238973	0	0	0
6.87320515	0	8.96297083	3.476378544
0.06366889	0.016386337	0	0.43943913
1.15430323	0	0	0
0.03648911	0	0	0
0.62054277	0.2909917	0.234155685	2.786980853
6.57037031	0	0.125627682	2.893199345
0.90199646	0	0	0.200339449
0.03982421	0.168652458	0	0.329741588
19.7570256	12.6191293	1.326200861	10.41269388
0	0	0.700750825	0
5.92698108	1.727862869	4.877063278	4.873058812
0	0	0.007295736	0.099299661
0	0	0	0.116216543
0	0	0	0.003360257
0.01589422	0	0	0.008453703
143.228577	100.9562536	94.56966249	137.8897742
218.603524	109.4446693	109.9628294	180.7296951
46.5795309	18.2564574	16.31028809	45.42158101
8.00903222	16.92057325	0.054185363	4.738432434
4.13613804	9.386297807	0.034363857	2.171279278
0.09308989	0	0.068864739	0
181.168539	119.0613773	127.9532033	174.0127926
0	0	0.005735059	0.001965216
0.00296001	0	0	0
0	0	0	0
0	0	0	0
34.4008098	24.28946606	22.27921526	33.95933852
37.7727709	25.03917238	22.98859382	35.5774975
68.2785909	50.16532668	34.57045233	75.40335435
140.867275	65.83371401	77.09364864	133.3095134

0.33005294	0.038293037	0.35619616	0.186036453
0.10746098	0.017083843	0.033602258	0.060862135
0.13625807	0.033190905	0.201293714	0.10828638
2.5210779	0.126370606	0.034352712	0.677781829
56.1570946	39.15247862	40.10523542	55.89228601
128.41806	96.40110648	85.60683139	121.8170617
47.5859565	33.17371053	31.71919628	45.47207665
37.921919	0.896026331	34.19266377	30.28035993
23.8901287	12.05386411	14.38499878	22.69361937
113.406274	76.50006942	84.88449547	114.7304907
153.450274	115.6822024	101.8998213	153.5985624
43.5910219	32.26769886	30.13692735	37.79718539
60.5087037	35.78615896	34.63353426	59.16418473
32.8456743	23.35775962	20.67337206	31.51457077
42.4122893	17.46467063	23.31740845	38.2181328
135.661686	83.05168723	82.69493341	129.2735568
62.959734	46.38977017	42.145242	60.63481008
30.6867686	22.34105998	22.21016689	31.17924695
66.8864658	37.08783252	34.63547589	61.74863309
67.9618548	31.55927718	29.88398639	58.38757429
21.4550668	0.45758097	16.82691835	20.22907523
0.66656116	0.316004237	0.579269034	0.543659285
231.288927	133.9787425	147.4501629	207.5915402
0.66621033	0	0	1.202931113
30.879297	4.879399058	0.468066145	30.51548855
1.91085523	1.415868913	0.226817006	1.140344108
0.142342	0	0	0.032592441
0.29240884	0	0.13085524	0.093093767
0	0	0	0.011352748
0.22040916	0.017791173	0.166718834	0.488101399
0.28202539	0	0.200207558	0.001506558
1.25738798	0.21446294	0	4.941017272
8.30880123	0.025780061	0.16084986	1.677073306
0.97141231	0	0	0.746058112
26.7517633	0	0.681850811	9.890146706
0.24181707	0	0	1.413099062
2.06555523	0.235399756	0.010375851	0.799953914
0.06428387	0.391702175	0.046648152	0.186041277
0.28121186	0	0.140746276	0.097686059
0.15399131	0.023788823	0.072733994	0.049922355
1.8021709	0.25182307	0.475489627	1.21245173

50.5366667	26.42678621	16.41629505	27.53273019
82.9893819	31.21588919	24.40165367	66.65266769
0.8248535	0	0.072798189	0
0.58222073	0	0.117987805	0.002972635
0.22683416	0	0	0
0	0	0	0
0.54559482	0	0.05005363	0
0.53636866	0	0.064050368	0.001744808
0.10555639	0	0	0
0.39097192	0	0.0864021	0
37.9117554	1.251684993	1.881515019	22.57446146
4.72893145	0.989921125	0.572067704	1.345293273
1.10898258	0.185450285	0	0.14185373
16.076464	25.68510327	56.76257641	21.84777155
54.1060283	26.19402698	18.86404002	32.43636065
2.10640447	4.228305798	6.939794261	7.469127921
5.6709981	0.095148537	0	0.490736305
2.19072449	5.457885968	0.105333161	1.025252843
5.45715012	0	6.279028053	2.742686796
0	0.203508988	0	0.013620708
0.06714412	0	0	1.024774649
0.5335402	0.511013722	3.344523345	5.004616223
0	0	0.066493948	0.004042189
0.42200335	0.051629967	0.174473654	0.097220926
0.38008344	0	0.17177092	0.061260033
0.24979097	0	0.078728338	0.084562802
0.44277288	0	0.110095778	0.097228129
0.23259115	0	0.101630562	0.050101368
0.29212477	0.036475794	0.074358221	0.11610287
0	0	0	0
0.0041331	0	0	0
0.72337426	0	0	0.506963065
26.7044699	16.09656139	22.28436858	29.04600183
164.856749	118.3277785	109.6424143	159.9700838
113.685923	66.44234013	70.84961485	106.1263002
42.1973782	27.40906477	26.89666225	40.33704103
185.953082	138.8284827	121.1194777	175.2721762
169.200616	122.4688434	115.2833061	165.9223894
13.3274303	5.625999827	12.85058468	12.50765568
0.3774537	0.023829216	0.098764216	0.107644701
0.29497011	0	0.117247118	0.060127749

Adonis analysis of resitome composition

ARG:

	R2 (effect size)	*p* -value
Age	0.03	0.001
Diet	0.01	0.185
Etnicity	0.01	0.62
Sex	0.006	0.77
Site	0.06	0.001
State	0.04	0.001

Drug class:

	R2 (effect size)	*P* -value
Age	0.01	0.025
Diet	0.008	0.8
Etnicity	0.01	0.55
Sex	0.007	0.6
Site	0.04	0.01
State	0.03	0.02